

**2025** Talesun Solar Co., Ltd.

Environmental, Social, and Governance (ESG) Report

The logo for Talesun, featuring the word "Talesun" in a bold, orange, sans-serif font. The logo is positioned in the lower right quadrant of the page, set against a background of a repeating geometric pattern of small triangles.

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Talesun Solar Co., Ltd. (hereinafter referred to as "Talesun", "Talesun Solar", "the Company" or "We/Our") hopes to convey our actions and performance in environmental, social and governance (ESG) field to all stakeholders through sustainable development reports based on international standards, and we will publish an ESG report once a year. Publishing date of first edition: April, 2025, the second edition: May 2026.



### Report Standard

This report is prepared in accordance with the Sustainability Reporting Standards (GRI STANDARDS 2021) issued by the Global Reporting Initiative and 2030 Sustainable Development Goals (SDGs) of the United Nations.



### Range of Report

The time frame of this report is from January 1st, 2025 to December 31st, 2025. Some of the data may exceed the above range due to the considerations of the principle of continuity and comparability.



### Data Source

The economic performance of this report is cited from Talesun's annual report of 2025, which has been independently audited by Suya Jincheng Certified Public Accountants LLP. Unless otherwise specified, the amounts shown in this report are presented in RMB. The non-financial data covered in this report only includes Talesun Solar Co., Ltd..



### Report Commitment

This report is prepared by Talesun, and the management of the Company guarantees the authenticity of the information in the report and there are no false or misleading statements.



### Restatement of Information

No restatement of information is required for the current year.



### External Certification

The Company attaches great importance to the quality and credibility of ESG information disclosure, and hires external verification institutions to verify ESG reports on the principle of transparency and responsibility, aiming to enhance the authority and persuasiveness of the report content in terms of stakeholders through independent audit by professional third-party organization, and further ensure that the disclosed ESG information truthfully, accurately and completely reflects the actual performance and practical achievements of the Company in environmental, social and governance aspects. This report has been independently certified by SGS -CSTC Standards Technical Services Co., Ltd. (SGS), and the certification statement is attached.



### Release Channel

The report is released simultaneously in both Chinese and English electronic and hard copies. In case of any minor differences between the Chinese and English versions, the Chinese version shall prevail. This report is released on Talesun's official website: <https://www.talesun.com>.



### Opinion Feedback

We are looking forward to receiving readers' opinions and suggestions after reading this report. Please feed back through the following contact information to help us further improve our sustainable development strategy and pursue better sustainable development performance.

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# ABOUT THE REPORT

## MESSAGE FROM THE MANAGEMENT

Dear Partners, Colleagues, and Friends Who Follow the Development of Talesun,

2025 marked a milestone year for Talesun as we embarked on strategic transformation and pursued high-quality development. As a core new energy enterprise under C&D Group, a Fortune Global 500 company, we remain committed to our corporate vision of "Building a World-Class Brand and Establishing a Century of Excellence" and uphold our mission of "Delivering Better and More Efficient Photovoltaic Solutions to Conserve Resources for Future Generations". Throughout the year, we made continuous progress across the four pillars of technological innovation, environmental sustainability, social responsibility, and corporate governance, steadily advancing the sustainable transformation of the global energy system.

On the environmental front, we strengthened technological leadership by accelerating the R&D and mass production of high-efficiency photovoltaic technologies including N-type TOPCon, BC, and HJT, achieving industry-leading module conversion efficiency. Leveraging our CNAS-accredited national laboratory, we collaborated with internationally renowned authorities such as TÜV Rheinland, TÜV SÜD, UL, and DEKRA to establish a full-lifecycle reliability warranty system, ensuring long-term high-performance power generation and low-carbon footprints of our products. Meanwhile, we expanded multi-scenario integrated applications such as agrivoltaics, forest PV, pasture PV, and aquavoltaics, promoting the three-dimensional and intensive use of land and solar energy. While delivering clean electricity, we supported the coordinated progress of rural industrial revitalization and ecological restoration. By the end of 2025, we had supplied more than 40GW of photovoltaic modules worldwide, equivalent to an annual carbon reduction of approximately 48 million tons, making solid contributions to the global "dual carbon" agenda.

In terms of social responsibility, we always put customer value at the center, establishing a localized service network covering 45 countries and regions. We provide one-stop clean energy solutions ranging from high-efficiency modules and smart energy storage to power station EPC, empowering our global partners in their energy transition. We regard our employees as our most valuable asset, fully implementing the ISO 45001 occupational health and safety management system and the SA 8000 social accountability management system. We have built a safe, inclusive, and equitable development platform, continuously investing in employee skill enhancement and well-being, and fostering a people-oriented corporate culture.

On the governance front, supported by C&D Group's global supply chain and sound financial foundation, we continued to optimize our asset-liability structure and cash flow management, enhancing our ability to resist cyclical risks. We prioritize compliance and transparency, having been consistently recognized as a Tier 1 module manufacturer by BloombergNEF and awarded the highest-level bankability ratings by international authoritative institutions. This fully reflects the high recognition from capital markets and the industry for our technological strength, financial health, and brand credibility.

Looking ahead to the new journey, guided by our strategy of "Becoming the World's Most Trustworthy and Valuable Clean Energy Enterprise", Talesun will further deepen the collaborative innovation of "PV + energy storage" and accelerate its global industrial layout. We will join hands with partners from all sectors to build a green, resilient, and prosperous sustainable energy future.

We sincerely thank every partner and employee for your wisdom, dedication, and enduring trust!

President:





# ABOUT TALESUN

## COMPANY PROFILE

Founded in 2009, Talesun is a core new energy enterprise under C&D Group, a Fortune Global 500 company, and has grown into a leading player in the global new energy industry.

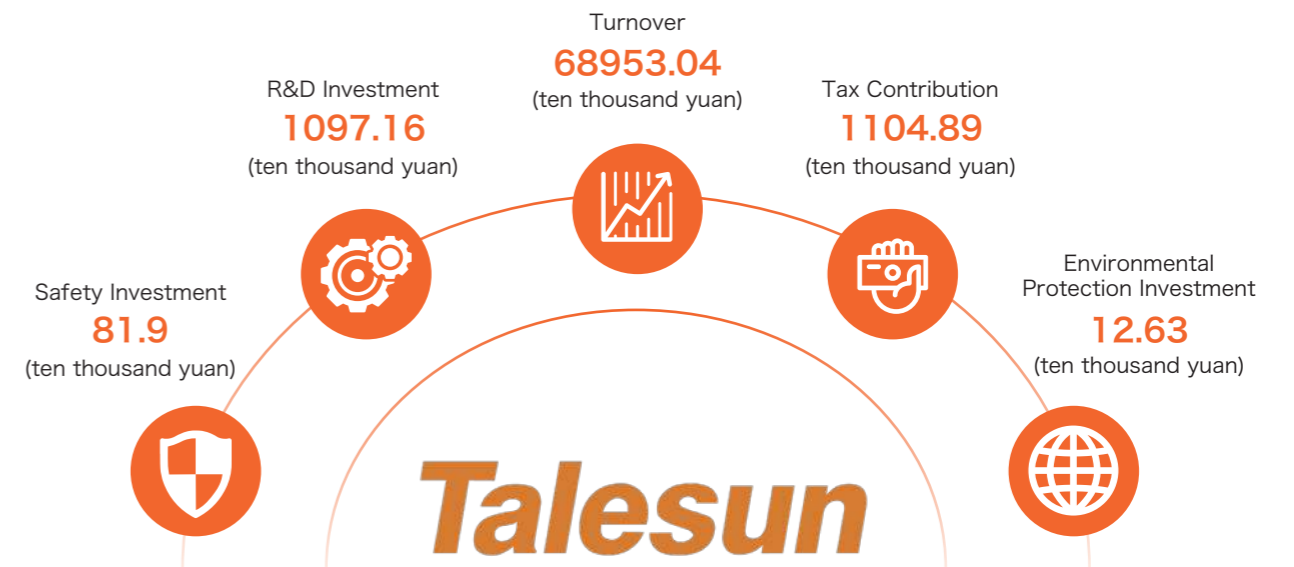
The company has long been listed on **Bloomberg's Tier 1 PV Module Maker Ranking**, with cumulative **module shipments exceeding 40GW**. Its products are sold in **more than 80 countries worldwide**, and it boasts **15GW of photovoltaic project** development experience and mature implementation cases. At present, Talesun has established core new energy solution capabilities centered on photovoltaic modules and PV-storage systems, capable of meeting customers' diversified scenario needs.

The company has deployed global R&D and production bases and built a comprehensive sales and service network. Backed by its professional management team and high-quality project channels, it provides financing support to customers, efficiently facilitating the implementation of green energy projects.

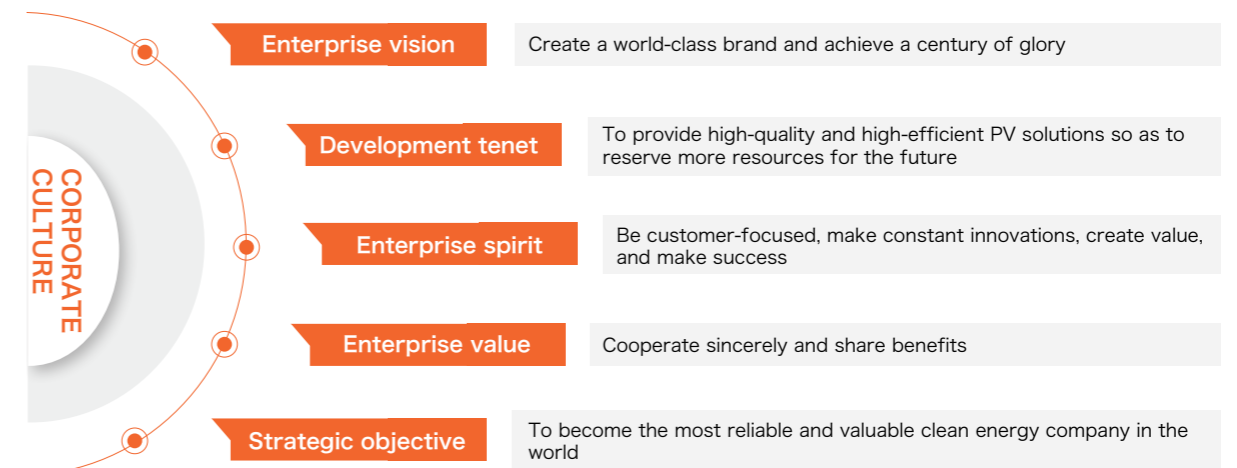
Looking ahead, Talesun will continue to deepen its presence in the global new energy market through technological innovation and premium services, contributing solid efforts to advancing green and low-carbon development and building a clean and beautiful world.

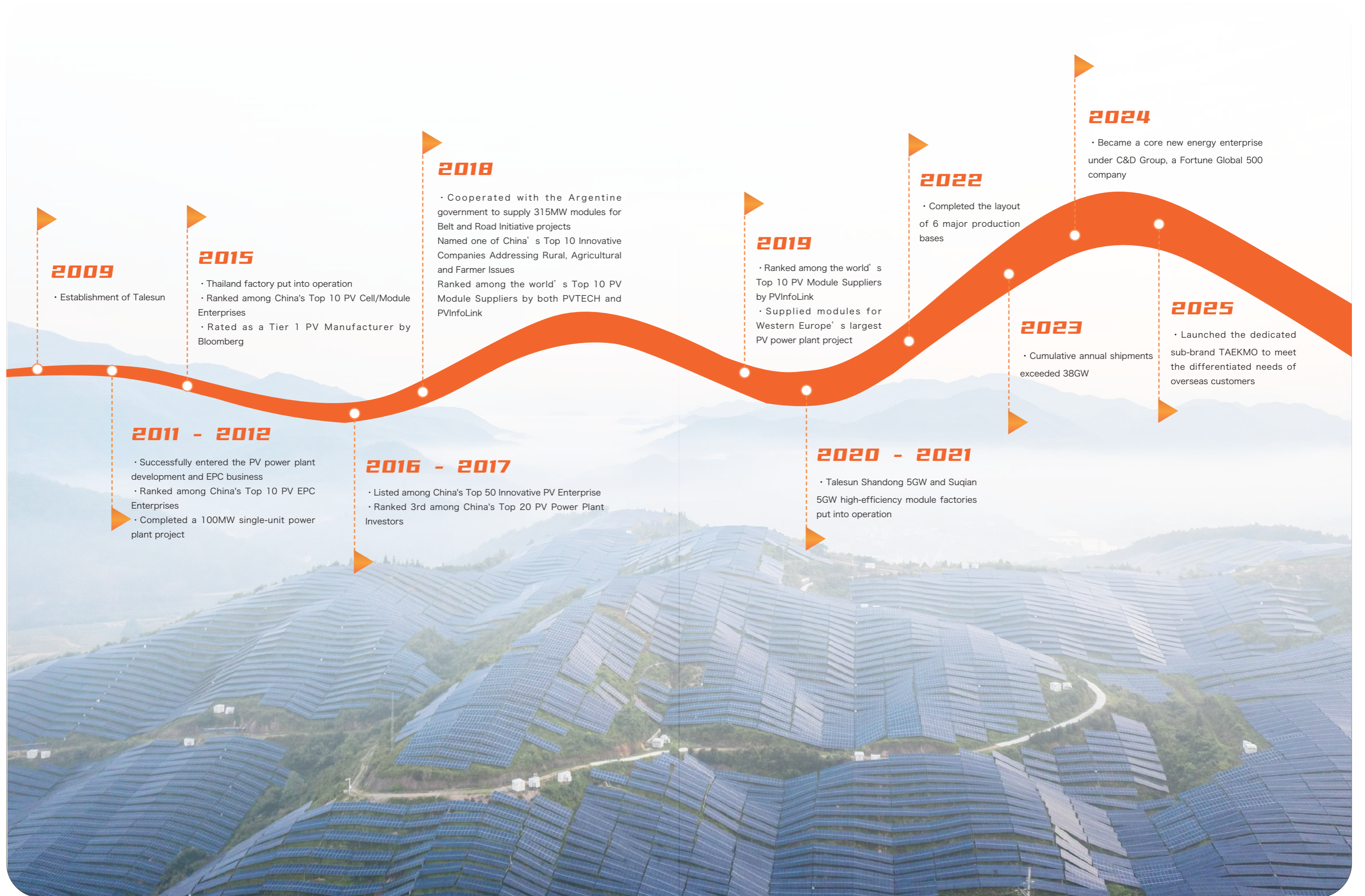


Distribution map of production bases and branches



Note: Data on turnover, tax contribution, and R&D investment are sourced from the Company's 2025 Annual Report. The statistical scope of safety investment and environmental protection investment covers the Company only.





# RESPOND TO THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (UN SDGs)

In the course of its sustainable development, Talesun has set the goal of becoming the world's most reliable and valuable clean energy enterprise. We are committed to driving the global energy structure toward a low-carbon and clean transition by providing green energy solutions. To achieve this goal, the Company has systematically integrated the concept of sustainable development into its entire operation and management process, and actively responded to the United Nations 2030 Sustainable Development Goals (SDGs). Through a systematic correlation analysis between its own operations and the 17 SDGs, we have focused on 13 key goals, including good health and well-being, quality education, gender equality, responsible consumption and production, and climate action, to guide our concrete practices. We believe that only through joint efforts with all stakeholders can we effectively contribute to the realization of the global sustainable development vision.



In the field of occupational health and safety, we deeply understand that systematic risk prevention is the cornerstone of safeguarding employee well-being. To this end, we continuously identify and control potential hazards in the workplace, regularly conduct testing of occupational disease hazards and workplace hazards, and develop detailed operating instructions for specific posts involving relatively high safety risks, clarifying safe operating procedures to prevent accidents at the source.

In 2025, the Company completed annual testing of occupational disease hazards and workplace hazard factors in accordance with regulatory and standard requirements, and all test results met national limit standards.



In terms of talent development and employee growth, we are committed to establishing a systematic and sustainable training mechanism. We have formulated a series of systems including the Employee Training Management Measures and Employee Assessment Management Measures, and continuously optimized the performance appraisal system to guide employees in continuously improving their professional skills and comprehensive qualities, supporting their long-term career growth. The Company has established a company-wide training system for new employees and on-the-job training, covering theoretical knowledge and practical skills to ensure that employees receive corresponding learning support at different career stages. To further expand learning resources and formats, the Company has built an online learning platform and launched special programs such as the online Talesun Skills Training, offering diversified courses ranging from basic skills to professional advancement to meet employees' differentiated career development needs.

In 2025, the Company organized multi-dimensional training activities covering job skills, professional literacy and personal development, aiming to promote the all-round growth of employees in work and life, and continuously enhance organizational vitality and talent competitiveness.



Guided by the core value of "people-oriented", we are committed to building a diverse, equal and inclusive workplace. We adhere to the principles of equal employment and development, explicitly prohibit any form of gender discrimination in recruitment, promotion and other processes, and ensure fair opportunities for all employees. To systematically protect employees' rights and interests, the Company's labor union has signed the Special Collective Contract on the Protection of Female Employees' Rights and Interests in accordance with the law, effectively safeguarding the legitimate rights and interests of female employees. It also organizes special health check-ups for female employees every year and continuously improves labor protection measures.

In 2025, the Company employed a total of 258 employees, of whom female employees accounted for 37%; the proportion of female managers was 13.18%.



In terms of water resource management, we persist in systematically promoting water conservation and emission reduction. The Company implements closed-loop management from water intake and utilization to wastewater discharge, continuously reduces water resource consumption by optimizing production and operation processes, and entrusts qualified third-party testing institutions to monitor wastewater discharge every year to ensure that all indicators continuously meet or even exceed national and local environmental protection regulations. We continuously improve processes and management to achieve coordinated development of economic and environmental benefits.



We always take promoting energy transition as our mission, and have long focused on the R&D, application and promotion of photovoltaic technologies. We are committed to providing society with efficient and reliable photovoltaic products through continuous technological innovation, and actively supporting the construction of a new power system with new energy as the main body, providing stable and clean energy support for sustainable economic and social development.

In 2025, the Company was again awarded the "Kiwa Global TOP PERFORMER" title.



We strictly abide by national labor laws and regulations, and have formulated internal regulations such as the Labor Employment System to systematically protect the legitimate rights and interests of employees. We firmly oppose and prohibit any form of forced labor and child labor, and uphold the principles of fairness and non-discrimination in recruitment and employment. We continuously optimize the salary and welfare system and performance management mechanism to ensure effective incentives and reasonable distribution. Meanwhile, we actively build a learning-oriented organization, providing diversified and systematic training resources for employees through online learning platforms, the "Talesun Skills Training Camp" and other channels to support their continuous growth and capability improvement.



We regard technological innovation as the core driving force for the Company's sustainable development. By building a systematic R&D and innovation system, assembling a high-level professional team, continuously improving R&D infrastructure, and actively carrying out external technical exchanges and cooperation, we promote scientific research and innovation in a multi-dimensional and systematic manner, providing solid support for the Company's technological leadership and product iteration.

In 2025, the Company added and obtained 18 authorized patents in total.



We deeply recognize that building a diverse, equitable and inclusive (DEI) workplace helps promote the exchange of ideas, stimulate innovation and attract talents. We uphold the principle of respecting every individual, and explicitly prohibit discrimination based on race, ethnicity, religion, political opinion, nationality, color, gender, age, sexual orientation, marital status, or disability unrelated to work. To systematically implement relevant commitments, we continue to improve management systems and have recently successfully passed the re-certification of the SA 8000 international standard for social accountability. This certification strongly confirms that the Company fully accepts and continuously conducts human rights-related reviews and assessments, reflecting our solid efforts in protecting employees' rights and interests and fostering a fair workplace.



We adhere to the concept of sustainable development, strictly implement the ISO 14001 environmental management system, formulate clear environmental protection policies and objectives, and ensure that all production and operation activities comply with environmental standards. The Company disposes of wastewater, waste gas and solid waste in accordance with the law to reduce environmental impacts, and continuously improves resource utilization efficiency.



In terms of product safety, we conduct full-coverage insulation testing on products in strict accordance with product safety performance requirements to protect users' personal safety. Meanwhile, packaging has been updated, allowing users to check requirements for safe product use and disposal on the outer packaging, alert potential risks and guide correct usage.

Customer-centric, we continuously optimize customer service and improve customer satisfaction through safer insurance services, more professional technical support and faster logistics. The Company has achieved a high satisfaction score of over 90 points for four consecutive years.



Talesun actively responds to the national "Carbon Peaking and Carbon Neutrality" strategic goals, and deeply integrates climate change response into corporate operation and development. We systematically carry out carbon verification and emission reduction work, and strive to provide society with lower-carbon and cleaner energy solutions through technological innovation, contributing to global climate governance with concrete actions.

In 2025, the Company conducted a comprehensive carbon emission inventory and issued an inventory report, aiming to accurately measure and manage its carbon footprint, thus laying a reliable data foundation for subsequent emission reduction measures.



We always adhere to honest operation, strictly abide by anti-corruption and anti-bribery laws and regulations, and put an end to acts that violate integrity and harm the Company's interests. In accordance with integrity-related laws and standards, the Company has formulated the Code of Conduct for Employees Against Corruption and Bribery, and organized employees to study and sign statements of compliance. In 2025, directors, middle and senior management personnel, and sensitive post personnel were organized to participate in the Group's anti-corruption and anti-bribery training, achieving a 100% coverage rate for such training among middle and senior management and sensitive post employees.



We continuously pay attention to and learn cutting-edge technologies and innovative research in the industry, and conduct extensive technical cooperation. By the end of 2025, the Company had compiled and participated in the formulation of 53 technical standards, including 15 international standards and 7 national standards.

By building a responsible supply chain, we integrate social responsibility requirements into supply chain management. The Company also actively communicates and cooperates with suppliers to reduce resource waste and build a greener and more efficient supply chain cooperation model. In 2025, the local procurement ratio of qualified suppliers for module materials was 77.22%, and that for battery suppliers was 83.33%.

In 2025, the coverage rate of social responsibility audits for product suppliers reached 100%, and the pass rate of supplier social responsibility reviews was 100%.

## KEY AWARDS AND HONORS

Against the backdrop of sustainable development and energy transition, Talesun has always regarded technological innovation, excellent quality and social responsibility as the core drivers of corporate development. We firmly believe that true industry leadership is reflected not only in market share and business scale, but also in objective evaluations and recognitions from professional fields and authoritative institutions. These awards and honors, like milestones along the way, represent a formal affirmation of our achievements through unremitting efforts in technology R&D, product performance, manufacturing capabilities, customer commitment and overall corporate strength. They also reflect the continued trust of the industry and market in the Talesun brand value and sustainable development philosophy. We will take this as a new starting point, turn honors into responsibilities, and take recognition as motivation. We will continue to deepen innovation, optimize services, actively fulfill our long-term commitments to customers, employees, society and the environment, and strive to contribute more "Talesun Strength" to the global clean energy cause and a low-carbon future.



In December 2025, BloombergNEF (BNEF), a world-renowned energy research institution, released its latest global PV module manufacturer Tier 1 ranking. With outstanding product reliability, sound financing capacity and strong global market performance, Talesun Solar was successfully selected into the Tier 1 list once again, achieving inclusion in all four quarterly rankings of 2025. Sustained inclusion in the BNEF Tier 1 ranking represents renewed recognition of Talesun by global markets and financial institutions. Talesun will continue to uphold technological innovation and reliable quality, deepen its presence in the global market with a more open attitude, and provide customers with more efficient and reliable clean energy solutions.



In September 2025, Talesun was awarded the 2025 "Influential PV Module Brand" award, reflecting high industry recognition of the company's product quality, technological innovation capabilities and market performance.

In June 2025, during SNEC 2025, Talesun won the Kiwa Global "TOP PERFORMER" title again for its outstanding performance in seven rigorous tests.



In March 2025, at the 12th China (Jiangsu) International Innovative PV Development Conference hosted by the Jiangsu Renewable Energy Industry Association, Talesun was honored with the title of "2024 Outstanding PV Cell/Module Enterprise Leading China's Renewable Energy".

In January 2025, Talesun won the "Outstanding Contribution Award" in recognition of its remarkable achievements in the photovoltaic industry from 2014 to 2024.

Important Awards and Honors Obtained in Recent Three Years		
Time of Winning the Award	Name of Honor/Award	Granting Organization
2025	Included in BloombergNEF's Tier 1 Global PV Module Manufacturer List for all four quarters of 2025	BloombergNEF
2025	14th "Arctic Star Cup" 2025 Influential PV Module Brand	Arctic Star Solar PV Network
2025	TOP PERFORMER	Kiwa
2025	2024 Outstanding PV Cell/Module Enterprise Leading China's Renewable Energy	Jiangsu Renewable Energy Industry Association
2025	Outstanding Contribution Award	China Photovoltaic Industry Association
2024	Third Prize in the PV Competition of the Xiong'an Future City Scenario Series Competition 2024	Organizing Committee of the Xiong'an Future City Scenario Series Competition
2024	2023 Most Influential PV Module Enterprise	Light Energy Cup Selection Committee
2024	Highest Achiever	Renewable Energy Test Center (RETC)
2024	Arctic Star Cup 2024 Influential PV Module Brand	Arctic Star Solar PV Network
2024	2023 Top "PV Top 100" Excellent PV Cell/Module Enterprise Leading China's Renewable Energy	Organizing Committee of the International New Power (Smart Grid) Equipment Cluster Development Promotion Organization, etc.
2024	2023 Top "PV Top 100" Excellent Digital Transformation Solution Provider Leading China's Renewable Energy	Organizing Committee of the International New Power (Smart Grid) Equipment Cluster Development Promotion Organization, etc.
2023	2023 China Most Influential PV Module Enterprise	PGO Green Energy Ecological Cooperation Organization
2023	AsiaSolar 18th Anniversary Special Contribution Enterprise	AsiaSolar
2023	2023 China Distributed PV Outstanding Contribution Enterprise	China Commercial and Industrial Distributed PV Alliance
2023	"12th "Arctic Star Cup" 2023 Influential PV Module Brand	Light Energy Cup Selection Committee
2023	"Light Energy Cup" PV Industry Selection 2023 Most Influential PV Module Enterprise	Light Energy Cup Selection Committee
2023	Jiangsu Key Cultivated and Developed International Famous Brand	Jiangsu Provincial Department of Commerce
2023	National Intellectual Property Demonstration Enterprise	State Intellectual Property Office

# 「TALESUN」

## EMPHASIZES MANAGEMENT AND STEADY OPERATION

### Key Actions

To systematically advance sustainable development, we have established a corporate-level Strategic Sustainable Development Committee. The Committee is responsible for coordinating the planning, implementation and oversight of our ESG strategy, systematically identifying, managing and responding to material issues, and maintaining regular communication and collaboration with all stakeholders.

In terms of governance and compliance, the Company strictly abides by all laws and regulations. It has established a systematic compliance management process, formulated integrity management policies and systems, and continuously carried out integrity culture promotion and special training to build a solid defense line of compliance awareness among all employees.

The Company also attaches great importance to information security. It has formulated and continuously improved special information security management policies and systems. Through a series of technical and administrative measures, we systematically prevent and control information security risks, effectively ensuring the security of the Company's operations and data.

### UN SDGs Addressed in This Chapter



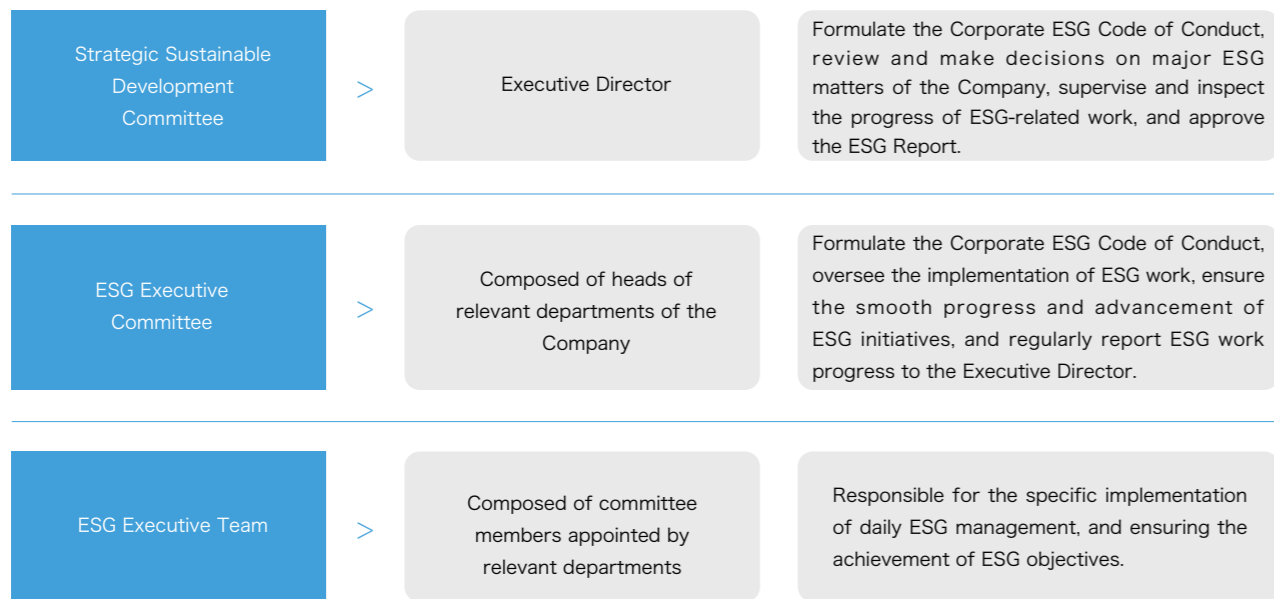
# STEADY GOVERNANCE

As an important strategic business unit of Zhongli Group, Talesun fully complies with the modern corporate governance system established by the Group. In strict accordance with modern corporate governance norms, the Group has set up a professional Board of Directors. The Chairman of the Board is nominated by the controlling shareholder in accordance with laws and regulations and is responsible for presiding over major strategic decisions. To improve a governance mechanism with clear rights and responsibilities and effective checks and balances, the Group's Vice Chairman concurrently serves as the legal representative of Talesun in accordance with the law, realizing the separation and coordination between the decision-making level and the executive level.

At the operational management level, the Company has established a scientific and standardized selection mechanism for senior management in accordance with the Company Law and the Code of Governance for Listed Companies. The President and Deputy General Managers are appointed by the Board of Directors based on market-oriented principles and professional standards, and are fully responsible for implementing the Board's resolutions and the Company's daily operations. Through a clear authorization and accountability system, this governance structure effectively safeguards the legitimate rights and interests of shareholders while granting the management team full autonomy, thus achieving an effective integration of scientific strategic decision-making and efficient operational execution.

# SUSTAINABLE DEVELOPMENT MANAGEMENT

To more effectively advance sustainable development initiatives and deeply integrate the concept of sustainable development into the Company's daily operations, Talesun has built an ESG governance framework spanning the decision-making, management and executive levels, under the leadership of the Executive Director. At the executive level, several dedicated teams have been set up, including the Sustainable Development Strategy Team, Corporate Governance Team, Social Responsibility Team, EHS & Energy Team, Compliance and Audit Team, etc. These teams clarify the distribution of ESG responsibilities at all levels to ensure the efficient implementation of all sustainable development work.



# Stakeholder Engagement

The Company has established an ESG Executive Team, which is responsible for the planning and implementation of environmental, social and governance-related work by module. The Team continuously improves communication mechanisms with various stakeholders, expands communication channels, and promotes the continuous improvement of the Company's sustainable development performance.

Based on an analysis of mutual influence and dependence, the Company has identified a list of key stakeholders, including shareholders, customers, employees, suppliers and partners, governments and regulators, communities, and non-governmental organizations. It has also established a regular two-way communication and engagement mechanism to ensure that their demands and suggestions are effectively addressed and responded to in decision-making and actions.

Key Stakeholders	Primary Concerns	Communication Channels
Shareholders	Sustainable profitability Corporate governance Information disclosure	Daily communication Financial reports Audit reports
Customers	Quality products and services Supply chain assurance Product quality and safety Product carbon footprint Information security and privacy protection	Satisfaction surveys Customer follow-ups Senior-level meetings and dialogues Daily communication
Employees	Protection of legitimate rights and interests Compensation and benefits Health and safety Career development	Labor contract signing Suggestion schemes Employee representative congresses Performance interviews Satisfaction surveys Feedback boxes Information exchange platforms
Suppliers & Partners	Open and fair procurement Integrity and compliance Win-win cooperation Capacity building	Signing agreements and contracts Technical sharing and training Communication meetings Regular visits On-site audits Senior-level dialogues Quarterly assessments Annual evaluations
Governments & Regulators	Promoting local economic development Tax compliance Employment promotion Lawful operation Work safety Energy conservation and emission reduction	Government inspections Compliance supervision and audits Communication visits Regular work reports Policy updates from official government websites Receiving official government documents Participating in policy conferences
Communities	Environmental protection Supporting community development	Participation in community activities Public welfare activities

# Analysis of important ESG topics

In order to precisely control the management direction of sustainable development and effectively allocate sustainable management resources, we conducted ESG importance topic investigation and evaluation in 2025, which is the basis for formulating the sustainable development working plan. At the same time, we also highlight the disclosure of information related to ESG material topics through ESG reports, so as to respond to the concerns of stakeholders regarding the current status and performance of the Company's sustainable management.

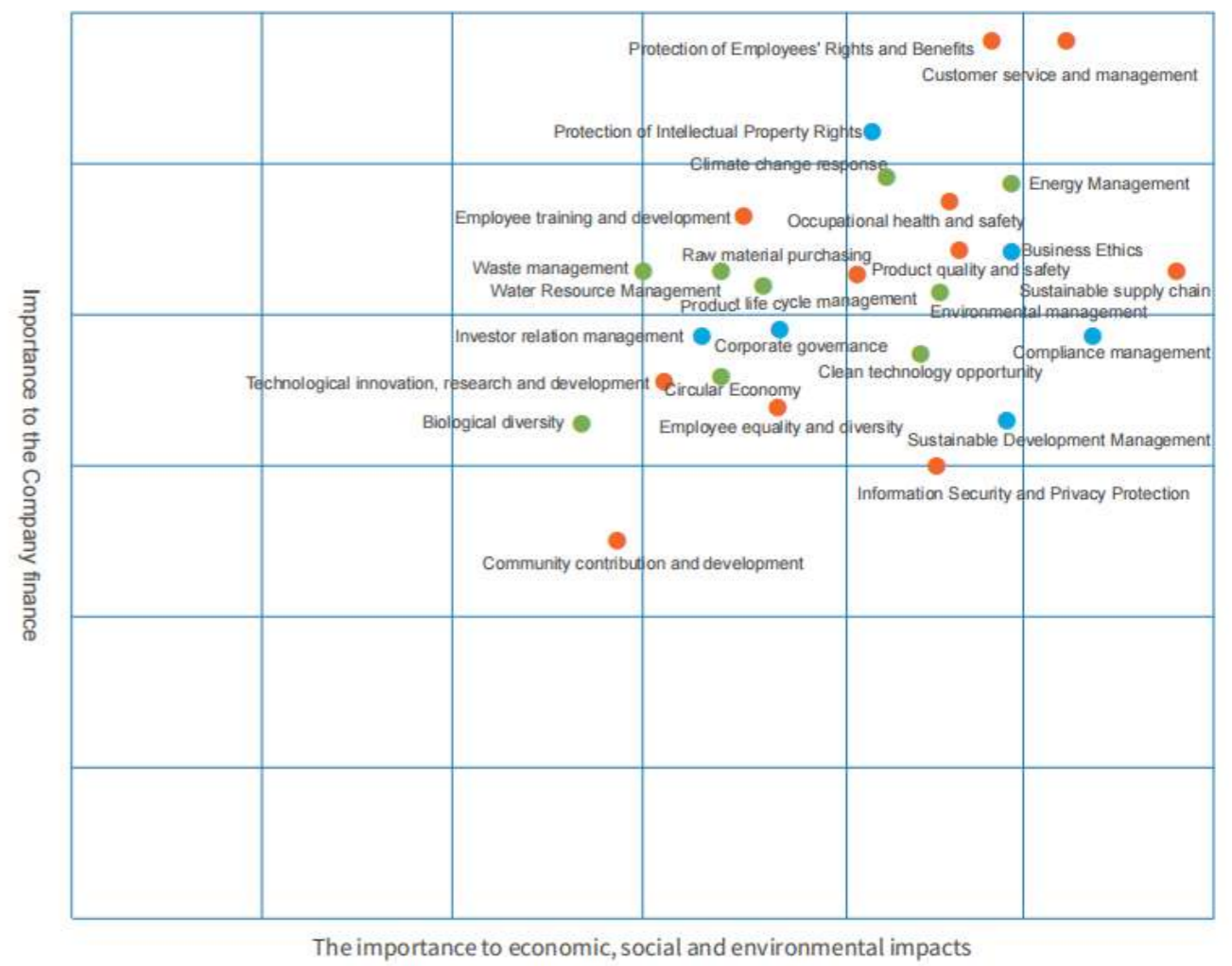
## Identification and evaluation steps for ESG material topics

- Step 1** According to the type and characteristics of our business, regulatory policies of the place where the business is conducted, 26 relevant topics were comprehensively identified in accordance with GRI Standards released by the Global Reporting Initiative, SASB Standards released by the International Sustainability Standards Council, Self-regulatory Guidelines for Listed Companies of Shenzhen Stock Exchange No. 17 - Sustainable Development Report (Trial) and other ESG disclosure standards in combination with information such as enterprises in this industry and demands of the customers.
- Step 2** Distribute ESG topic importance assessment survey questionnaires through online surveys, and invite internal and external stakeholders to evaluate the importance of the topics. Finally, 99 valid questionnaires were totally obtained.
- Step 3** Analyze and process the survey questionnaire results, review and adjust the results of importance topics by the Company's senior management, ESG working group, and external ESG experts. Finally, 13 topics with importance to impacts, 10 topics with financial importance and 8 topics with dual importance were identified.
- Step 4** Draw a topic matrix with "the importance of economic, social and environmental impacts" and "the importance to the Company's finance" as the coordinate axes.

## ESG Issues List



## Talesun's ESG topic matrix



Impact Materiality Ranking	Financial Materiality Ranking	Double Materiality Ranking
● Sustainable supply chain	● Customer service and management	● Customer service and management
● Compliance management	● Protection of Employees' Rights and Benefits	● Protection of Employees' Rights and Benefits
● Customer service and management	● Intellectual property protection	● Sustainable supply chain
● Business ethics	● Energy management	● Energy management
● Sustainable development management	● Climate change response	● Business ethics
● Energy management	● Occupational health and safety	● Occupational health and safety
● Product quality and safety	● Business ethics	● Product quality and safety
● Protection of Employees' Rights and Benefits	● Product quality and safety	● Climate change response
● Occupational health and safety	● Employee training and development	
● Environmental management	● Sustainable supply chain	
● Information security and privacy protection		
● Climate change response		
● Clean technology opportunities		

## COMPLIANCE MANAGEMENT

Talesun regards compliance as the cornerstone of sustainable development and strictly abides by laws, regulations, and the regulatory requirements of all operating jurisdictions. The Group has set up dedicated compliance positions embedded in key business processes to oversee and control activities, ensuring that all business operations are conducted in full compliance with applicable laws and regulations. Meanwhile, we continuously conduct legal and regulatory training for all employees, including interpretation and promotion of important laws such as the new Company Law, to strengthen compliance awareness and capabilities across the organization. During the reporting period, the Company was not involved in any lawsuits or penalties related to unfair competition or monopolistic practices.

In terms of tax management, the Company strictly implements national tax policies and has formulated and continuously implemented a systematic Tax Management Procedure. We have established a complete internal control process covering declaration, review and submission, and ensure the timely communication and implementation of new tax policies. In addition, the Company engages professional tax firms every year to conduct special audits such as corporate income tax final settlement audits and R&D expense additional deduction audits, and actively participates in tax credit rating. Thanks to standardized tax management, the Company was awarded the title of "Tax Credit Grade A Enterprise" in 2025.

Regarding supervision mechanisms, Talesun accepts regular and special audits by the Group's internal audit department in accordance with Zhongli Group's Internal Audit Management System. The Company earnestly implements rectification measures for issues and recommendations identified in audits, with follow-up by the internal audit department to ensure a closed-loop management process, continuously improving corporate governance and internal control levels.

## COMMERCIAL MORALITY

Talesun always adheres to the business philosophy of integrity, strictly complies with national laws and regulations on anti-corruption and anti-commercial bribery, and resolutely prohibits any acts that violate disciplinary rules or harm the Company's interests. To prevent conflicts of interest, the Company explicitly prohibits business dealings with units or individuals where employees or their relatives hold positions, shares, or have other interests that may harm the Company's interests. Employees are also prohibited from engaging in any form of consulting, advisory, employment relationships, or significant investment interests with the Company's customers, suppliers, or competitors.

The Company requires all employees to uphold the principles of fairness and integrity in interactions with customers and other business partners. Employees must not solicit or accept any gifts, property, or other benefits that may influence business judgment, nor provide any items of value that could be considered bribes or improper benefits to others. Through institutional building and continuous education, the Company strengthens its integrity defenses and maintains a fair and transparent business environment.

In accordance with relevant integrity laws and standards, Talesun has formulated the Code of Conduct for Employees Against Corruption and Bribery. Employees are required to sign a statement pledging to "abide by professional ethics and resist all forms of corruption and bribery" when signing labor contracts. During the reporting year, directors, middle and senior management, and personnel in sensitive positions were organized to participate in the Group's anti-corruption and anti-bribery training, achieving 100% training coverage for middle and senior management and sensitive positions.

Talesun attaches great importance to the construction of an integrity system and the practice of business ethics, consolidating compliance awareness among all employees through a regular and systematic education mechanism. The Company organizes special learning sessions on the Code of Conduct for Employees Against Corruption and Bribery every year and requires all employees to re-sign a commitment statement to the code. In daily work, we continuously conduct integrity culture promotion and training through various channels such as corporate WeChat and online learning platforms, and regularly reiterate anti-corruption requirements. During the reporting period, the Company organized middle and senior management to participate in special anti-corruption and anti-bribery training to strengthen the discipline awareness and risk control capabilities of key position personnel.

To improve the supervision mechanism, the Company encourages and protects employees who report any illegal or disciplinary acts, whether under real names or anonymously, and has established reporting channels such as telephone and mail. The Company strictly keeps the information of whistleblowers confidential and clearly stipulates confidentiality obligations for personnel who access and handle report information, ensuring closed-loop management of the acceptance, investigation and feedback process to maintain the fairness and credibility of the reporting mechanism.

Whistleblower

Reporting email: dangban@zhongli.com

Reporting hotline: +86 0512-52573207

Talesun has established an anti-corruption risk prevention and control mechanism covering all business units and regions. It identifies and assesses integrity risks within its jurisdiction and develops targeted prevention and control measures. These measures are implemented after approval by the corresponding management, and the Group's Audit and Supervision Department regularly supervises and inspects their implementation, forming a closed-loop management system of prevention, execution and supervision.

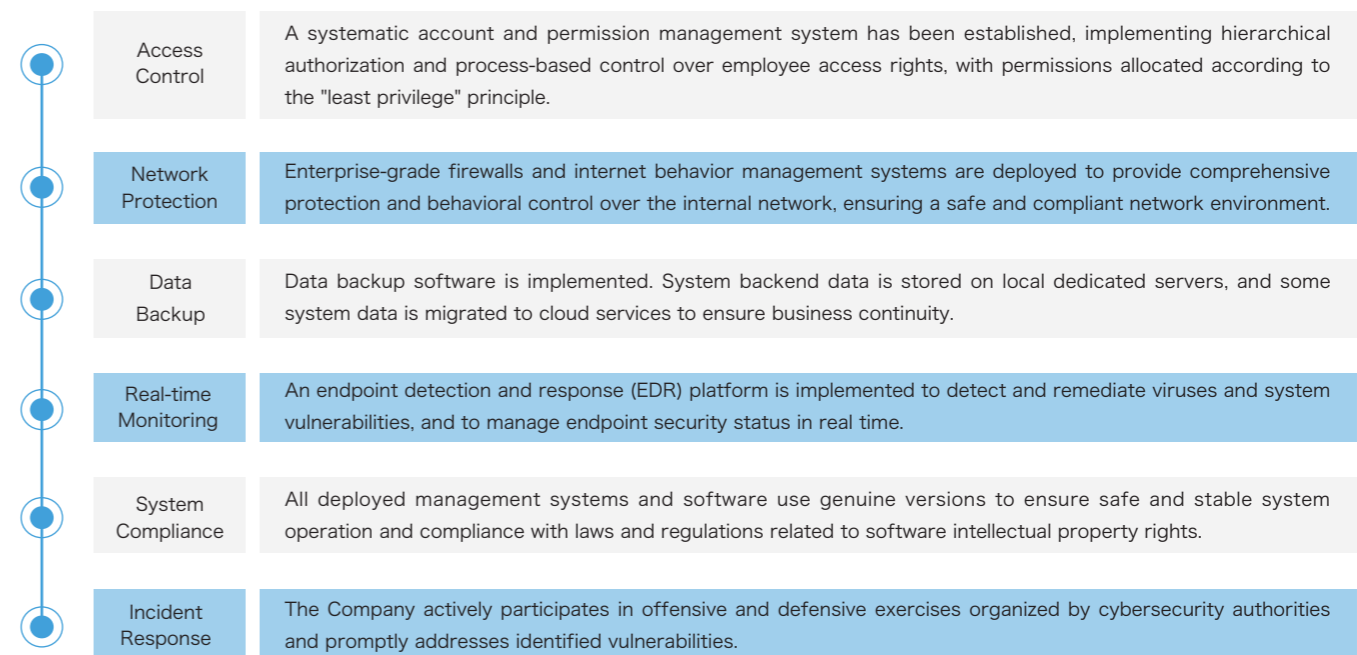
During the reporting period, no employees were dismissed or disciplined for corruption, and there were no public legal cases involving the Company or employees related to corruption. This reflects the phased results achieved by the Company in integrity governance and compliance internal control.

## INFORMATION SECURITY

Talesun attaches great importance to information security and data compliance, and strictly abides by the Cybersecurity Law of the People's Republic of China, the Data Security Law of the People's Republic of China, the Personal Information Protection Law of the People's Republic of China and other laws and regulations. The Company has established a systematic information security management system, including the Measures for the Administration of Employee Accounts and Permissions and the Measures for the Administration of IT Equipment, to continuously enhance the standardization and institutionalization of information security management.

During the reporting period, all information security management measures of the Company operated effectively, and no information security incidents occurred.

### Major Information Security Control Measures





# 「TALESUN」 STRIVES FOR INNO VATION AND FOCUSES ON QUALITY

### Key Actions

Continuously promote new product R&D and technological innovation, and continuously optimize production processes; actively participate in domestic and international industry technical exchanges, and carry out close R&D cooperation with universities and research institutions; lead or participate in the formulation of relevant technical standards in the photovoltaic industry; build and operate a comprehensive quality management system to ensure reliable product quality and safe use.

### UN SDGs Addressed in This Chapter



# R&D AND INNOVATION

Talesun always regards product and technology R&D as the core driving force for the Company's development. It has established an efficient R&D management system and collaborative innovation mechanism, adheres to the integration of independent innovation and market demand orientation, deepens industry-university-research cooperation, systematically improves R&D quality and efficiency, and continuously promotes the integrated development of cutting-edge industry theories and application practices.

## R&D Management

In strict compliance with the Requirements for Enterprise R&D Management System (DB 32/T 2771), Talesun has established a systematic and standardized R&D management system covering project management, intellectual property rights, technical standards, fund and personnel management, and performance appraisal. The Company takes the R&D Center as the core responsible department to continuously carry out scientific research and technology development activities, driving corporate technological innovation. At the same time, the R&D and related departments regularly conduct research and analysis on macro policies, the economic environment, market demand, and technology trends, gaining an in-depth understanding of industry dynamics and the competitive landscape, and forming the Suzhou Talesun Technology Co., Ltd. - Internal and External Strategic Environment Analysis Report, which provides a scientific basis for the Company's strategic planning and decision-making.

In order to stimulate the innovation enthusiasm of R&D personnel, the Company has formulated and implemented relevant policies on patent and project rewards, and set up rewards for project teams and related employees who have achieved outstanding results in R&D and innovation.

## Take multiple measures to ensure the industry leadership

### Systematic R&D and Innovation Management System

- The Company has established and continuously improved a market-oriented, independent innovation-centered technological innovation mechanism supported by industry-university-research collaboration, promoting the deep integration of forward-looking research and industrial application.
- It has formulated and optimized rules and regulations covering the entire R&D process, such as the Management System of the Technology R&D Department, providing clear and standardized institutional support for innovation activities and ensuring the orderly and efficient operation of R&D work.

### Establish a high-quality R&D team

- Adhering to the concept of "talent-driven innovation", the Company builds its R&D team through dual channels of external introduction and internal cultivation. On the one hand, it actively introduces top industry talents; on the other hand, it jointly launches doctoral and master training programs with universities, forming a long-term mechanism of "university-enterprise linkage and collaborative talent cultivation". Combined with internal seminars and external training, the Company has established a system for the identification, training and development of high-level talents.
- In addition to technical R&D personnel, the Company has formulated the "Patent Management Measures and set up dedicated achievement management personnel, responsible for intellectual property planning and application, achievement appraisal, scientific and technological archive management, and commercialization promotion, realizing whole-process management from technological breakthroughs to market value realization.

### Actively participate in external communication

- Plan the development of the Company with a global perspective, actively participate in domestic and international technical exchange conferences, carry out close scientific research cooperation with domestic and foreign universities and research institutes, and actively integrate into the global innovation chain.

### Enough R&D funds

- In 2025, the Company invested RMB 10,971,600 in R&D expenditures, and established R&D auxiliary accounting books for special accounting and exclusive use of R&D funds.
- During the reporting period, the Company continued to receive special government funding for scientific and technological innovation. In 2025, the Company recognized government grant income of RMB 1,320,188.56 related to R&D innovation and enterprise cultivation, strongly supporting sustained R&D investment.

### Improve the infrastructures

- The R&D Center currently has 500 square meters of office, 4000 square meters of R&D center, 2000 square meters of laboratory and 2000 square meters of outdoor performance monitoring experimental base for new photovoltaic products.
- The laboratory has obtained the national laboratory accreditation qualification from China National Accreditation Service for Conformity Assessment (CNAS) and multiple third-party TMP laboratory certifications, as well as Jiangsu Province Measurement Assurance Confirmation Certificate, which can provide comprehensive, rapid and accurate all-round product testing for the products of engineering research center. In terms of configuration, the full-process information-based and intelligent control of R&D work has been achieved by purchasing intelligent and automatic experimental equipment, testing equipment and information systems.

### Brand establishment

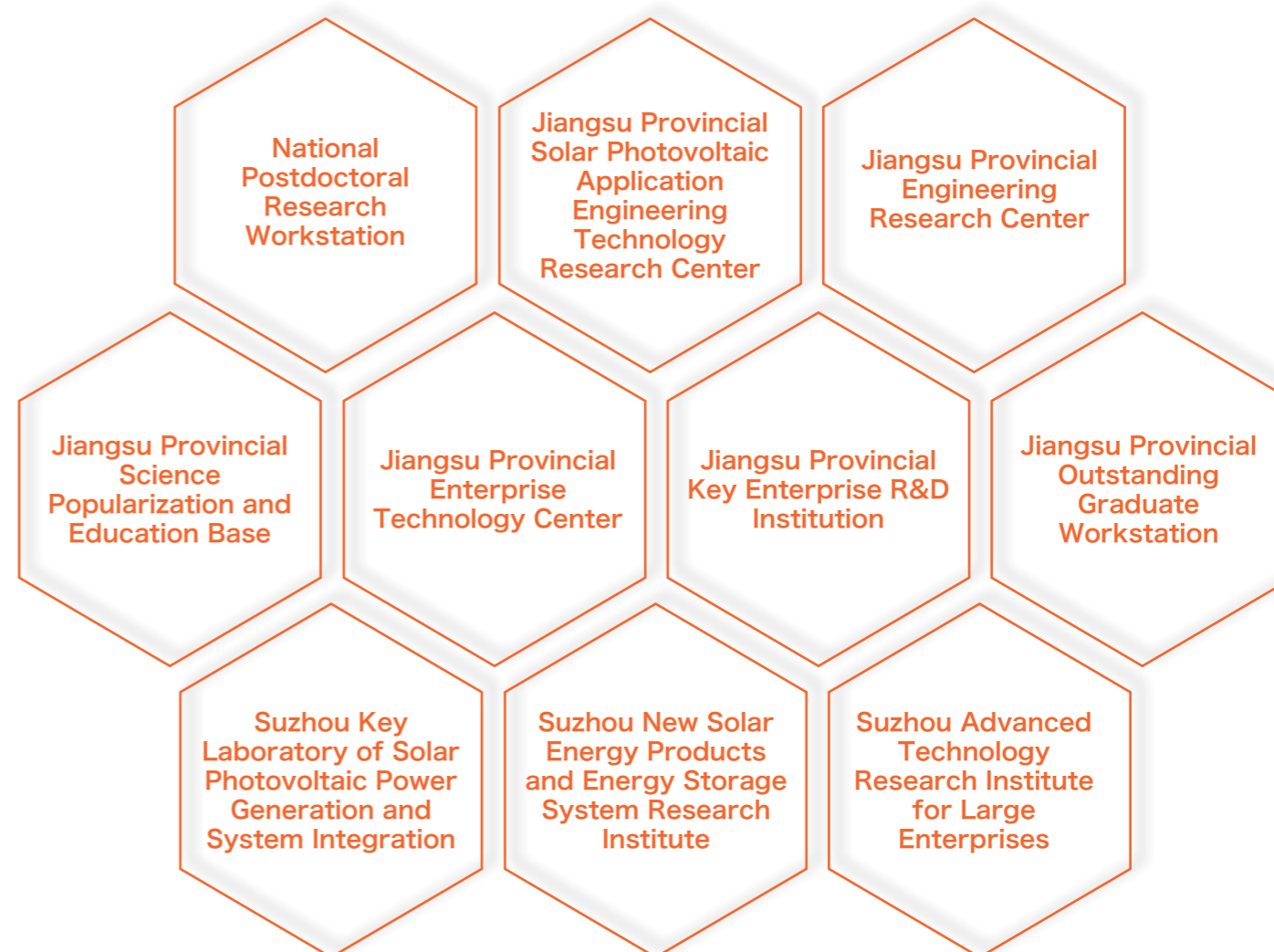
- Lay out trademarks and patents globally and deeply integrate trademarks with patents, in order to help the Company become a well-known trademark brand supported by technological innovation, and further enhance the market competitiveness and brand image.



Customers have visited Talesun Solar on multiple occasions, touring the company showroom and production bases in person. During these visits, Talesun Solar comprehensively showcased its profound technological expertise accumulated in the photovoltaic industry, large-scale production capacity, and distinctive corporate culture. This enabled government agencies and customers to gain a more thorough and in-depth understanding of the product features and advantages of the Company's solutions.

Such exchanges have laid a solid foundation for the Company to further explore cooperation opportunities and efficiently promote project implementation. They have also effectively enhanced communication, collaboration and development with various stakeholders.

## Our Key R&D Platforms



Product Innovation

Since its establishment, Talesun has always focused on the R&D, innovation and application of photovoltaic technology. With the mission of promoting the development of clean energy, it continues to invest in R&D resources, building solid technological foundations and capabilities for commercializing results. In terms of scientific and technological innovation, the Company has completed the systematic development of nearly 100 scientific research projects, forming a multi-dimensional technology layout covering materials, processes, systems and other areas. These include 2 national-level science and technology projects, 5 provincial-level projects, and 5 municipal-level projects, gradually building a technological innovation chain from basic research to industrial application. In terms of technical achievements, a total of 23 results have passed Jiangsu Provincial New Technology and New Product Appraisal, of which 20 are recognized as leading or advanced levels in China, and 3 have reached the international advanced level, demonstrating significant technological competitiveness and industry influence. In addition, 18 products have been officially recognized as "Jiangsu High-Tech Products", reflecting the Company's continuous breakthroughs in product innovation and marketization. Through these systematic R&D investments and technological accumulation, the Company has gradually formed a technology system centered on independent intellectual property rights, laying a solid foundation for continuously improving product performance and advancing the photovoltaic industry.



Product Certifications Wall

Our Innovative Products (part)



TOPCon High-Reflection Black Single-Sided Module Adopts Large-Size Design

- The module uses large-size 182.2mm×210mm TOPCon cells to improve overall power output.
- It features high-reflection black film (black inside, white outside) paired with black busbars and a black frame, achieving an all-black aesthetic appearance. Reflectivity is increased by 35% and power boosted by 1.5% - 2%. Combined with low-cost, low water-vapor transmission EPE film on the front side, it delivers a low-cost, high PID-resistant packaging solution.
- Under double IEC standard test conditions, the target product shows a PID degradation of only 0.55% after 192 hours. Tested by a CNAS-accredited laboratory, the 48-cell version reaches a power output of 450W.



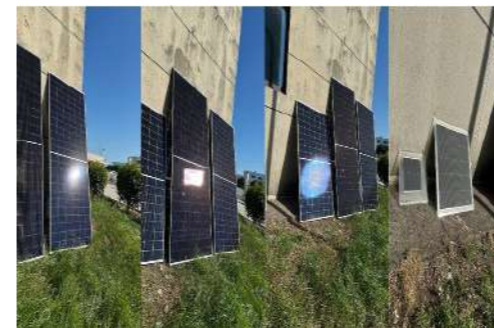
210R-66 High-Efficiency Module

- Adopts 182.2mm×105mm TOPCon half-cut passivated cells to enhance overall module power output.
- Integrates TOPCon half-cut high-efficiency passivated cells, gap film application, reflective busbars, and ultra-high-transmission double-coated glass to achieve higher power output.
- Under double IEC standard test conditions, the target product shows a PID degradation of 1.03% after 192 hours. Tested by a CNAS-accredited laboratory, the 66-cell version reaches a power output of 635W.



Hail-Resistant Module

- Developed and introduced to meet product demand for hail-prone scenarios.
- Adopts 182.2mm×105mm TOPCon cells to improve overall module power output.
- Adopts a double-glass design using 3.2+2.0mm glass to enhance mechanical strength and deliver hail resistance.
- Under IEC standard test conditions, the product can withstand direct impact of 55mm-diameter hail. Tested by a CNAS-accredited laboratory, the 66-cell version reaches a power output of 620W.



Anti-Glare Module

- Under double IEC standard test conditions, the target product shows a DH1000 degradation of 2.39%. Tested by a CNAS-accredited laboratory, the 66-cell version reaches a power output of 615W.

- Eliminates safety hazards and adapts to sensitive scenarios by converting strong specular reflection into soft diffuse reflection. Glare intensity is reduced by up to 85%, with reflectivity as low as 0.4% - 0.9%. It meets strict anti-glare standards for airports, highways and other applications, avoiding interference with pilots' and drivers' vision.
- Maintains unchanged power generation efficiency while balancing low reflectivity and high transmittance. Using 182.2mm×105mm TOPCon cells with anti-glare glass, the module retains high light transmittance while reducing reflection. Its power generation efficiency is comparable to conventional modules, improving overall project returns.
- Environmentally friendly, aesthetically pleasing and well-integrated into urban landscapes. With a matte surface and no dazzling spots, it blends harmoniously with buildings and community landscapes. It reduces light pollution and is suitable for residential areas, commercial rooftops, urban landmarks and other areas with high visual comfort requirements.



TUL5015-EN (C&I Energy Storage System)

- Adopts an intelligent heat dissipation design, enabling remote monitoring of key system data, automatic identification and early warning triggering to ensure reliable energy conversion of the system.
- Standard containerized design with integrated battery, BMS and temperature control, featuring high energy density. Supports parallel connection of multiple containers to meet the demand of large-scale projects.
- Three-level fire protection system at PACK, cluster and container levels for all-round operational safety, together with multi-level fuse protection. The battery pack is designed to IP67 rating.
- Large-scale production reduces unit cost; cycle life exceeds 6,000 times, lowering investment risks and improving return on investment.



**TCL261-EN (C&I Energy Storage System)**

- The liquid cooling system eliminates the need for air duct design, reducing the number of operating fans and lowering noise levels.
- High-integration PACK design with liquid cooling technology enables direct proximity to heat sources, delivering superior cooling performance.
- The efficient liquid cooling system maintains battery cells in an optimal operating environment throughout their entire lifecycle, effectively reducing failure rates and minimizing operation and maintenance costs.
- Leveraging water chillers and liquid cooling plates as core components, the liquid cooling technology not only reduces the self-power consumption of the energy storage system but also achieves more efficient cooling effects.



**TRBP51314-EN & TRBP51100-EN (Residential Energy Storage Systems)**

- Below 60V safety threshold, eliminating the need for high-voltage protection, reducing household electric shock risks, and enabling safer installation and maintenance.
- Supports parallel connection of multiple batteries (up to 6 units typically), allowing easy capacity expansion to meet household electricity demands.
- Connects to mobile APP via WIFI/4G for real-time monitoring of power capacity, charging/discharging status, and supports fault alarms.
- Compatible with mainstream 51.2V residential energy storage inverters and hybrid inverters, achieving seamless integration with photovoltaic modules.

**Industry Development**

In advancing technological progress, Talesun has always prioritized cutting-edge technology tracking and open innovation. It actively expands its external cooperation network and establishes a regular industry-university-research interaction mechanism. We have established in-depth partnerships with multiple domestic universities and research institutions to jointly conduct technological breakthroughs and forward-looking research, continuously expanding the frontiers of scientific R&D and accumulating innovation momentum. Meanwhile, the Company actively participates in various technical seminars, standard demonstrations and industrial forums hosted by national authorities, industry organizations and leading enterprises. We draw on industry insights through exchanges and contribute professional opinions and practical experience to the high-quality and sustainable development of the photovoltaic industry.



In May 2025, Talesun signed a strategic cooperation agreement with Al-Fadawi Group in Yemen.



In October 2025, the Company formally signed a strategic cooperation agreement with Kivanç Enerji, a well-known energy enterprise in Türkiye.



In November 2025, Talesun reached a cooperation intention with AKFA Group, a large industrial holding group in Uzbekistan, for the joint development of a 500MW photovoltaic project.



Xiamen C&D New Energy Co., Ltd. (hereinafter referred to as "C&D New Energy"), Talesun Solar Co., Ltd. (hereinafter referred to as "Talesun"), and Go Solar Group Pty Ltd., a local clean energy enterprise in Australia (hereinafter referred to as "Go Solar"), formally signed a strategic cooperation agreement.

We actively fulfill our responsibilities as a leading photovoltaic manufacturer, including participating in the formulation of industry standards, discussing cutting-edge technical issues, and sharing the Company's R&D practices and experience.

By the end of 2025

the Company had compiled and participated in the development of **53** technical standards

including **15** international standards

and **7** national standards

**Talesun' s Participation in Industry Associations Over the Years**

Time of Joining	Industry Associations	
2024	CanREA New Energy Association of Canada	Member
2023	Suzhou Photovoltaic Industry Association	Vice President Membership
2023	China Chamber of Commerce for Machinery and Electronic Products	Member
2023	China Photovoltaic Intellectual Property Professional Committee	Committee Member
2023	Solar Energy Industries Association of the United States (SEIA)	Member
2022	Jiangsu Enterprise Technological Transformation Association	Member
2021	Jiangsu Science and Technology Innovation Association	Member
2018	Suzhou Industrial Internet Alliance	Director
2018	Jiangsu Photovoltaic Industry Association	Executive Director Membership
2017	SEMI China Photovoltaic Standard Technical Committee	Committee Member
2017	Jiangsu Vacuum Society	Member
2015	Jiangsu Informatization Association	Governing Member
2015	Changshu Enterprise Science and Technology Association Federation	Supervisor
2014	China Photovoltaic Industry Association	Vice Chairman Membership
2014	Jiangsu Renewable Energy Industry Association	Executive Director Membership

**Case**

**Talesun Showcases PV Modules and Energy Storage Systems at RE+ 2025 North America International Solar & Energy Storage Exhibition**

On September 9, 2025, RE+ 2025, the largest international solar exhibition in North America, grandly opened at the Sands Expo and Convention Center in Las Vegas, USA. As the premier clean energy event in North America, RE+ presents the latest renewable energy technologies and solutions covering solar power, energy storage, hydrogen energy, microgrids, EV charging infrastructure, wind energy and other fields.

At the exhibition, Talesun displayed PV modules based on three advanced technical routes: TOPCon, HJT and BC, as well as C&I and utility-scale energy storage systems and cable products, demonstrating the company's comprehensive layout in photovoltaic technologies. Among them, the showcased TOPCon series modules adopt advanced passivated contact technology, with a conversion efficiency exceeding 24% and bifacial power gain of over 85%, making them particularly suitable for large-scale ground-mounted power stations and industrial and commercial distributed projects. The HJT heterojunction modules attracted wide attention for their excellent temperature coefficient and low-light performance, with a maximum power output of up to 735W and a bifaciality rate exceeding 90%. The BC modules feature a shadow-free front surface that further improves power generation efficiency, reflecting Talesun' s diversified technology layout.

To meet the differentiated demands of industrial, commercial and utility-scale applications, Talesun launched modular and flexibly configurable energy storage systems that can operate synergistically with various energy forms, providing users with all-round energy management solutions. These systems store electricity during off-peak and standard-price periods and discharge during peak and critical peak periods, effectively reducing users' electricity costs. In addition, Talesun also exhibited high-quality cables independently developed by its parent company, Zhongli Group. With more than

40 years of profound technical accumulation in the cable industry, these products feature excellent electrical performance, weather resistance and aging resistance, providing comprehensive protection for the safe and reliable operation of power systems. Looking ahead, Talesun will continue to deepen its global strategic layout. Relying on its advantages in full industrial chain integration and global manufacturing capacity, the company is able to provide customers with comprehensive clean energy solutions spanning from PV modules to energy storage systems.



The Smarter E South America 2025



Solar Pakistan 2025



Italian International Renewable Energy Exhibition



International Clean Energy Exhibition, USA



2025 Solar & Storage Live London



The 17th (2025) International Solar Photovoltaic and Smart Energy Conference & Exhibition (Shanghai) (SNEC)

The Company attaches great importance to industry-university-research collaborative innovation, and has established long-term and stable cooperative relations with many well-known universities and research institutions at home and abroad. Its cooperation network covers Asia, Europe and Oceania, including the University of New South Wales, Netherlands Energy Research Centre, Norwegian Energy Centre, Sichuan University, Soochow University, Nanjing University of Aeronautics and Astronautics, Southeast University, Suzhou Institute of Technology, Suzhou Institute of Nano-Tech and Nano-Bionics, Chinese Academy of Sciences, and other institutions. Through multi-level academic exchanges and joint R&D, the Company continuously broadens its scientific research vision, integrates cutting-edge intellectual resources, and jointly promotes technological breakthroughs and industrial progress in the photovoltaic field.



2025 Nanjing University of Aeronautics and Astronautics Student Internship Program

Our ongoing and continued industry-university-research cooperation (part)

Cooperation with Nanjing University of Aeronautics and Astronautics

- In 2025, jointly carry out the project "Research on High-Efficiency Passivated Cells and High-Reliability Modules", aiming to systematically explore the optical characteristics of bifacial cell modules, clarify their correlation with power output, and break through key processes to substantially improve module performance. The project implementation period is from October 15, 2025 to October 31, 2027, and it is planned to carry out theoretical modeling, experimental testing and optimization verification in phases.
- Jointly applying for the Special Fund for Scientific and Technological Innovation of Carbon Peaking and Carbon Neutrality (Forward-looking Industry and Key Core Technology Research) - Competitive Project - Research and Development of Key Technologies for High-Efficiency Passivated Cells and High-Power Bifacial Modules (Project Duration: January 2022 - January 2026)
- Jointly build Jiangsu Provincial Graduate Workstation
- Jointly build Suzhou Engineering Technology Research Center
- Jointly train 2 postdoctoral fellows
- Jointly apply for the 2019 Jiangsu Science and Technology Award and win the third prize

Cooperation with Suzhou Institute of Technology

- In 2025, jointly carry out the project "R&D on Optical Characteristics and Power Improvement of Bifacial Cell Modules". This project aims to systematically study the optical performance of bifacial cell modules, explore their correlation with power output, and develop key technologies to significantly improve module efficiency. The project duration is from December 20, 2025 to December 31, 2027, covering multiple phases including theoretical modeling, experimental testing and optimization verification.
- Jointly Application for the Special Fund for Scientific and Technological Innovation of Carbon Peaking and Carbon Neutrality (Forward-looking Industry and Key Core Technology Tackling Program) — Competitive Project — Research and Development of Key Technologies for High-Efficiency Passivated Cells and High-Power Bifacial Modules (Project Period: January 2022 - January 2026)
- Jointly build Jiangsu Provincial Engineering Research Center for Low-Carbon Buildings and Energy Integration (approved by the National Development and Reform Commission in 2018)
- Jointly apply for the 2022 Jiangsu Science and Technology Award and win the third prize
- Jointly build an educational practice base

# Intellectual Property Protection

Talesun has established a comprehensive integrated intellectual property management network covering patent management, trademarks, copyrights, trade secret application and protection, legal rights protection procedures, market anti-counterfeiting operations and other modules. The company has set up a standardized intellectual property compliance management system covering intellectual property application, management, application, popularization, talent training and many other aspects, and has passed the intellectual property compliance management system certification. The company has formulated and strictly implemented a number of internal management systems and processes such as Standardized Documents for Project Application Procedures and Patent Management Measures.



## Key Performance Indicators

As of the end of 2025

- During the reporting period, the Company added and was granted 18 patents in total.
- It has undertaken 3 provincial and municipal-level intellectual property special projects accumulatively.
- It has won 2 China Patent Excellence Awards, 1 Provincial Patent Excellence Award, 2 Municipal Patent Excellence Awards, and 1 Municipal Outstanding Inventor Award accumulatively.
- The Company has been awarded titles including National Torch Program Key High-Tech Enterprise, National Intellectual Property Advantage Enterprise, and National Intellectual Property Demonstration Enterprise.
- It has renewed its certification for the Intellectual Property Compliance Management System (GB/T 29490-2023).

intellectual property infringement risk management, Talesun has formed a complete set of infringement risk management processes from institutional construction to practical operation to ensure the safety of our intellectual property and promote the improvement of technical research and development, as well as the market competitiveness. All employees sign the Employee Intellectual Property Statement upon Onboarding, and background investigations on intellectual property are conducted for key positions.

## Risk management measures for intellectual property infringement

### Improve the alignment between systems and strategies

- To systematically protect innovative achievements and effectively manage related risks, Talesun has continuously improved its intellectual property protection system, strengthened full-process management, and gradually established a risk prediction and response mechanism.
- The company implements an intellectual property strategy aligned with its innovation-driven and internationalization strategies. On the basis of the existing management system, it continuously optimizes management systems to ensure clear division of powers and responsibilities, as well as distinct rewards and punishments, thereby improving management efficiency.

### Establish professional review group

- To strengthen the creation, application, and protection of intellectual property rights, Talesun has established an Intellectual Property Review Committee consisting of top management, R&D personnel, and staff from the intellectual property department.
- The committee is responsible for safeguarding the company's intellectual property rights against infringement and effectively addressing related risks. It also participates in patent quality evaluation, adjusts R&D directions based on patent analysis reports, and ensures that the company's technological development aligns with market demands and technical trends.

### Intelligence system and dynamic adjustment

- Establish intelligence analysis work, timely avoid potential infringement risks through database searches, and adjust R&D directions as needed.
- Timely explore and protect self-developed achievements, continuously track and analyze domestic and foreign patent information, grasp the development trends of industry technologies, and provide support for the company's innovation decision-making and strategic layout.

# Intellectual property training

The company attaches great importance to the systematic development of intellectual property capabilities. Centering on the full process from patent drafting, application, authorization, protection to layout, it regularly carries out special training to enhance all employees' awareness and practical capabilities in intellectual property, thereby stimulating innovation vitality and promoting the effective transformation of technological achievements. During the reporting period, the company organized 4 special training sessions on intellectual property, covering multiple core positions such as R&D, project management, finance and operations. The training focused on practical application, including topics such as the "Intellectual Property Compliance Management System", effectively improving the core team's professional level in the creation, protection, management and utilization of intellectual property, and providing strong support for the construction of the company's innovation system.

# Product Quality Management

## Quality Management

The company always adheres to the quality policy of "Customer First, Continuous Innovation, Continuous Improvement, and Market Leadership", committed to providing customers with high-quality and reliable photovoltaic products. To continuously improve product quality and reliability, the company has passed ISO 9001 quality management system certification, and established a series of quality management documents including Supplier Quality Management Procedure, Incoming Inspection Operation Procedure, Non-Conforming Product Handling Procedure, and Identification and Traceability Procedure. At the same time, annual quality KPI targets are set to systematically control the entire product realization process. The company has invested in building a professional photovoltaic product inspection and testing center. Covering an area of 2,000 square meters with a total investment of over 30 million yuan, the center is equipped with more than 40 advanced domestic and foreign testing equipment, and features laboratories for safety, performance, environmental and outdoor power station testing. It has comprehensive testing capabilities including solar simulators, accelerated aging test chambers, high-low temperature humidity test chambers, mechanical load testers, and automatic hail testing machines. The center can simulate a variety of extreme natural environmental conditions, fully supporting product certification, reliability testing, highly accelerated aging testing and other projects, with testing capabilities covering major international standards such as IEC 61215, IEC 61730, and UL 61730. Through rigorous internal testing and quality control systems, the company ensures that every module has high reliability and excellent performance, and on this basis provides customers with a 12-year product warranty and a 30-year linear power output guarantee.



Certificates Obtained by the Photovoltaic Product Inspection and Testing Center



2025 CNAS Accreditation Certificate



Module Load Testing



Steady-State Environmental Chamber



IV Tester - PASAN



Damp Heat Environmental Chamber



HAST Accelerated Test Equipment



**More Optimized Space Utilization:**  
High-efficiency cells reduce LCOE (levelized cost of energy)

**Lower Temperature Coefficient:**  
Improves module power output

**Excellent Anti-PID Performance:**  
Passes anti-PID (Potential Induced Degradation) test at twice the industry standard (85°C /85%RH, 192 hours)

**Strict Quality Control and High Reliability:**  
Internal testing requirements far exceed industry certification standards

**Best Solution for Severe Environments:**  
Reinforced frame withstands wind load of 2400Pa and snow load of 5400Pa

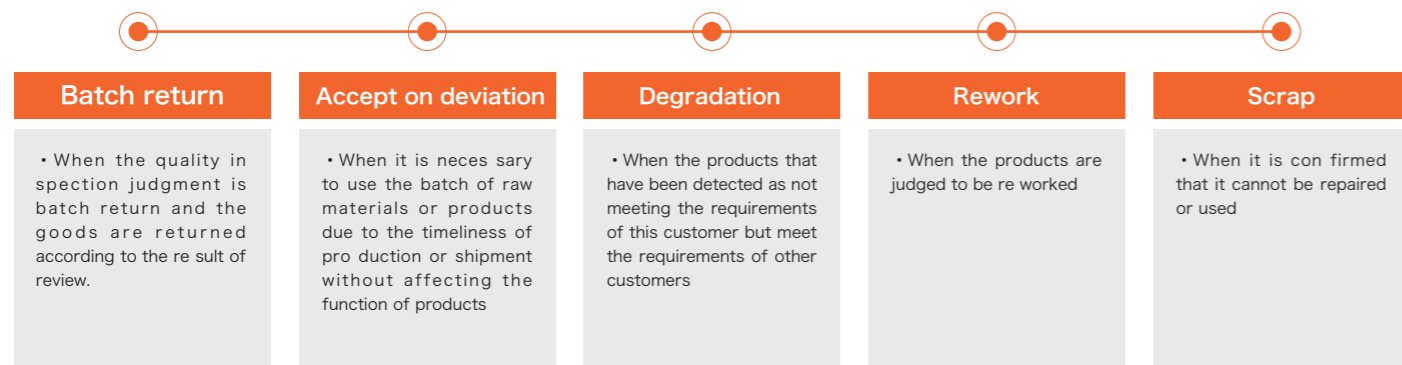
**Significantly Reduced Hotspot Risk:**  
Unique circuit design significantly lowers hotspot temperature

The company has established a comprehensive refined management and control system throughout the entire process of product quality management. Adhering to the principle of "inspecting all items that require inspection", we conduct systematic testing on product appearance, performance and dimensions, covering all links from raw materials, production processes to final delivery, including incoming raw material inspection, in-process patrol inspection, finished product unpacking inspection and outgoing inspection.

As the core quality responsibility department, the company's Quality Center strictly conducts a full set of performance inspections on products quarterly in accordance with international standards such as IEC 61215, ensuring that products continuously meet certification requirements and the company's internal high standards.

For the control of non-conforming products, the company has established a strict management mechanism. Non-conforming and suspicious products identified throughout the entire process from incoming materials to delivery are clearly identified, isolated and controlled, and disposed of in accordance with specified procedures to prevent misuse, flow or delivery to customers. According to the impact of quality issues, the company classifies non-conformities into three levels: general anomalies, serious anomalies and major anomalies, with corresponding corrective and preventive measures. Relevant procedures have been formalized through institutional documents such as the "Non-Conforming Product Handling Procedure" and "Identification and Traceability Procedure", ensuring the systematicness and effectiveness of quality management.

Classification Standards for Non-conforming Product Grades



Quality Culture Construction

To comprehensively improve product quality and consolidate the foundation for corporate development, Talesun has continuously built and strengthened a culture of "quality first". Centering on a series of "Quality Month" activities, the company has carried out multi-level quality culture development, guiding all employees to integrate high standards into daily work and consolidate the quality foundation. Under the theme "New Starting Point, Intentional Quality, Trusted Future", the company organized a series of activities including skills competitions, special training, and mutual inspection and correction, stimulating employees' enthusiasm for learning and promoting the internalization and practical implementation of quality standards. These practices encourage employees to strictly follow standards in every link, effectively integrate quality requirements into details, and ultimately ensure that every product meets the commitment of high quality.



Highlights of Talesun Quality Activities

Product Safety

In terms of product safety, the company has established and implemented systematic management measures. It conducts full-coverage insulation testing on products in strict accordance with safety standards, and operates in compliance with the Operation Instruction for Module Withstand Voltage and Insulation Test, minimizing safety risks and protecting the personal safety of users. Meanwhile, the company provides detailed Chinese and English user manuals and unpacking guidelines, clearly stating product features, technical parameters, safe use and disposal requirements, as well as necessary warnings of potential risks, to guide customers in using products correctly and safely.

In 2025, the company had no health and safety violations related to its products and services, nor any non-conformities concerning product and service information and labeling.

**Product Traceability**

To ensure product quality, safety and accountability, the company has established a systematic product identification and traceability system. In accordance with the Identification and Traceability Procedure, Customer Return Handling Process, Product Recall Process, Product Claim Process and other systems, it has continuously improved the full-chain traceability mechanism covering customer demand, raw material procurement, production, warehousing and logistics. All departments realize accurate traceability of products at each stage through number tracking and information linkage. The company organizes internal traceability training every year and arranges SQE personnel to provide traceability management training for key suppliers during supplier audits, so as to strengthen traceability awareness and management coordination across the entire chain. In addition, in accordance with the Product Traceability Audit Checklist, the company conducts internal traceability inspections at least once per quarter and reviews suppliers for traceability compliance at least once a year, ensuring the continuous and effective operation of the traceability system.

## Customer Service

The company adheres to a customer-centric approach and has established a systematic customer service management system including the Customer Complaint Handling Procedure and Customer Satisfaction Control Procedure, continuously optimizing service processes to improve customer satisfaction and loyalty and enhance market competitiveness. Through active interaction with customers, the company gains in-depth insight into market demand and optimizes products and services accordingly, supporting sustainable development.

The company conducts satisfaction surveys for customers with an order volume of more than 2MW each year, collecting feedback on products and services through well-designed questionnaires and professional analysis. With continuous service improvement, the company has achieved a customer satisfaction score of over 90 points for four consecutive years, reaching the "excellent" level under internal control, reflecting customers' recognition of the company's products and services and laying a solid foundation for market expansion.

In addition, the company provides a customer service hotline via its official website and continuously improves its customer support system, including more comprehensive insurance services, more efficient logistics support and more professional technical response, ensuring all-round support for customers throughout pre-sales, sales and after-sales stages.

**Talesun Photovoltaic Customer Service Advantages**

- Safer Insurance Services** Cooperate with industry-leading insurance companies
- More Professional Technical Support** An experienced team of engineers safeguards your products or solutions
- Faster Logistics and Transportation** As a professional partner, we can deliver products to your warehouse or directly to project sites. Talesun has overseas warehouses in Thailand, India, Europe, the United States and other regions.

To further improve the quality and transparency of after-sales service, the company has established a quarterly after-sales service data statistics mechanism. Through regular analysis, it accurately evaluates service performance, and promptly identifies and improves deficiencies. To facilitate customer feedback channels, the company has published service contact emails for multiple regions on its official website, enabling customers to communicate and provide feedback in a timely manner and enhancing customer trust.

During the reporting period, the company did not receive any confirmed complaints involving infringement of customer privacy or loss of customer data.

Statistics of Customer Complaint-Related Data				
Category	Unit	2023	2024	2025
Customer Complaint Resolution Rate	%	100	100	100
Product Labeling Non-Compliance Incidents	Cases	0	0	0
Product Marketing Non-Compliance Incidents	Cases	0	0	0
Customer Privacy Disclosure Complaint Incidents	Cases	0	0	0

Company After-sales Service Email: [aftersales@talesun.com](mailto:aftersales@talesun.com)





# Green Development with Eco-logical Integration of 「Talesun」

### Key Actions

The company systematically carries out product carbon footprint certification and operational carbon inventory work, and supports the low-carbon transition of the global energy structure by providing green energy solutions. In operations, it continuously implements energy-saving technological upgrades and water recycling, ensures the compliant treatment and discharge of waste gas, wastewater and solid waste, and fully upholds the concepts of clean production and resource conservation.

This chapter responds to the UN Sustainable Development Goals (SDGs)



# Climate Change Response

In the global response to climate change, Talesun takes the initiative to shoulder the responsibilities of a new energy enterprise. Guided by the "Dual Carbon" goals, we continue to optimize our energy structure and management system, and systematically carry out carbon inventory and emission reduction activities. Through technological innovation, we continuously reduce the carbon footprint of our products throughout their life cycle, support the transformation of the energy structure with efficient and low-carbon photovoltaic products, and make tangible contributions to global green and low-carbon development.

The company has deployed distributed photovoltaic power stations on rooftops and parking garages in its factory areas, equipped with a bearing tracking system. In 2025, the total power generation reached\*\*844,360 kWh\*\*, providing stable green energy support to society.

## Our Low-Carbon Initiatives

### Actively Promoting Low-Carbon Operations

- Actively implement energy conservation and consumption reduction measures
- Conduct carbon inventory to accurately quantify and manage operational carbon footprint, and formulate emission reduction strategies

### Developing Low-Carbon Products to Support Green Energy Transition

- Continuously advance technological innovation to launch photovoltaic products with lower lifecycle emissions

### Supporting the Construction of a New Power System Centered on New Energy, Powering Society with Green Energy

- While providing photovoltaic modules, the company also focuses on photovoltaic power station development and EPC services, energy storage systems, and distributed photovoltaic power station businesses. It supports the construction of a new power system dominated by new energy and empowers the global green energy transition by offering green solutions

## Case

### Talesun Solar Modules Successfully Delivered for U.S. Projects, Jointly Building a Green Energy Future with RWE

Talesun Solar Co., Ltd. (hereinafter referred to as "Talesun" ) has joined hands with RWE, a leading European energy giant, to write a new chapter in the development of green energy in the United States. The two parties have successfully completed module delivery for three photovoltaic projects in Virginia, Georgia and Texas, U.S.A., with a total installed capacity of 700MW. This cooperation marks another important milestone for Talesun in the U.S. market and demonstrates the shared vision and firm commitment of both parties in the global green energy sector.

With advanced production techniques and selected high-quality materials, Talesun has carefully developed photovoltaic modules that ensure high efficiency and stability, and even achieve positive tolerance delivery, bringing customers higher-than-expected power generation gains. Talesun also maintains a relentless pursuit of quality control. From raw material selection to every production step, strict quality inspection and control are implemented to ensure that each module meets the highest standards. With outstanding power generation efficiency and excellent weather resistance, these modules have passed certifications and tests by multiple international authoritative institutions including PVEL and RETC, winning high recognition and praise from RWE and customers worldwide.



Virginia Project Site(98.3MW)



Georgia Project Site(195.6MW)



Texas Project Site (407.7MW)

## Carbon Emission Management

Talesun fully understands that comprehensive and accurate carbon emission data serves as the foundation for effective carbon management and systematic emission reduction. In 2025, the company entrusted a professional third-party institution to conduct systematic carbon inventory, aiming to scientifically quantify its carbon footprint and provide a reliable basis for the subsequent formulation and implementation of emission reduction strategies.

Greenhouse Gas Emissions			
Item	Unit	2024 年	2025 年
Scope 1	tCO <sub>2</sub> e	1341.92	1336.32
Scope 2	tCO <sub>2</sub> e	11,277.64	5353.34
Total Scope 1 & 2 Emissions	tCO <sub>2</sub> e	12,619.56	6689.65

Note 1: The main types of greenhouse gas emissions of the Company are CO<sub>2</sub>, CH<sub>4</sub>, HFCs and SF<sub>6</sub>, excluding N<sub>2</sub>O, PFCs and NF<sub>3</sub>. The operational control approach is adopted to determine the emission boundary. The emission factor for purchased electricity is derived from the Announcement on the Release of the 2023 National Average Carbon Dioxide Emission Factor for Power Generation issued by the Ministry of Ecology and Environment and the National Bureau of Statistics, with the national average CO<sub>2</sub> emission factor being 0.5306 kgCO<sub>2</sub>e/kWh.

Note 2: The electricity emission factor for 2025 is 0.5306, and for 2024 it is 0.5366.

Based on the results of this carbon inventory, we will conduct an in-depth analysis of the Company' s greenhouse gas emission structure and formulate specific carbon emission reduction strategies.

## Low-Carbon Products

As a PV product manufacturer and PV power plant developer, Talesun has long been deeply engaged in the photovoltaic industry. Relying on its solid accumulation in technology, manufacturing and power plant development, the company continuously invests R&D resources to drive technological breakthroughs and coordinated industrial development. The company focuses on supplying low-carbon, reliable and high-quality products to customers, covering high-efficiency solar modules, intelligent photovoltaic systems and customized power plant solutions. It ensures excellent product performance through a strict quality control system, actively promotes the green and low-carbon transformation of the energy industry, and responds to the national "Dual Carbon" strategy and global sustainable development initiatives. To further enhance the environmental value of products, the company plans to continue promoting the application for French carbon footprint PPE2 V2 and PPE2 certifications in 2026. As internationally authoritative environmental assessment standards, such certifications aim to systematically quantify the environmental impact of products throughout their full life cycle, from raw material extraction, manufacturing and transportation to use and recycling. With the goal of comprehensively measuring and reducing product life-cycle carbon emissions, this work is a key strategic deployment for the company to implement green manufacturing and achieve all-round sustainable development. It will further consolidate the company's leading position in the global photovoltaic market and contribute solid strength to building a clean and low-carbon energy future.

## Agrivoltaics

As a world-leading PV product manufacturer and a first-class domestic PV power plant developer, the company, with the technical and brand strength of a "BloombergNEF Tier 1 Module Manufacturer", continues to commit to the innovation of products and system solutions. We actively promote diversified photovoltaic development models such as agrivoltaic integration, forest-photovoltaic integration, pasture-photovoltaic integration and fishpond photovoltaic integration, providing customized green energy solutions for different scenarios to support the low-carbon transformation of the economy and society.



20MW  
Changshu, Jiangsu  
Agrivoltaic Complementation



35MW  
Tieling, Liaoning  
Fishery-Agriculture Photovoltaic  
Complementation



72MW  
Suihua, Heilongjiang  
Livestock-Agriculture Photovoltaic Integration

## Environmental Management

As a practitioner of green development, Talesun attaches great importance to and systematically manages the environmental impacts of its operations. The company strictly abides by laws and regulations including the Environmental Protection Law of the People's Republic of China and the Law of the People's Republic of China on Environmental Impact Assessment, has established clear environmental protection policies and objectives, and fulfills its obligation to disclose environmental information in accordance with the law. To systematically advance environmental, health and safety management, the company has set up a Work Safety Committee, which takes overall responsibility for work safety, fire control and environmental protection. Through regular meetings to review environmental and safety performance, the company promotes continuous improvement of management. All company projects are implemented in strict accordance with the "three simultaneous" system to protect biodiversity in project areas. At present, the company has obtained ISO 14001 environmental management system certification, forming a systematic and standardized environmental management mechanism.

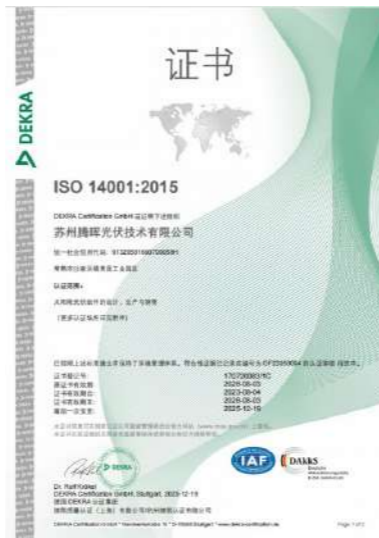
In 2025,  
the company's total investment in environmental protection amounted to **\*\*126,300 yuan\*\***, and no environmental dishonesty incidents have occurred in the past three years.

### Environmental Policy

Compliance with laws and regulations, energy conservation and emission reduction, green production

### Environmental Objectives

Achieve dual carbon targets, zero pollution accidents



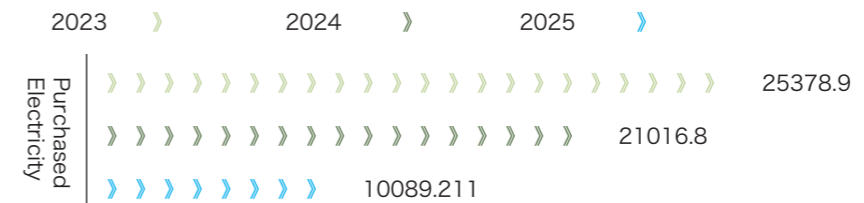
## Resource Management

While striving to provide clean energy to the world, Talesun also integrates resource conservation and efficient utilization throughout its operations. The company has formulated the Energy Medium Operation Management System, which defines the organizational structure and relevant responsibilities for energy management, systematically implements resource conservation measures, and supports the achievement of sustainable development goals with concrete actions.

### Energy Conservation and Consumption Reduction

The company strengthens the full life-cycle management of key energy-consuming equipment, including establishing equipment ledgers, conducting regular maintenance, and carrying out energy-saving retrofits. Meanwhile, the company actively promotes low-energy-consumption equipment and advanced technologies, and gradually phases out outdated high-energy-consuming facilities, so as to reduce energy intensity at the source.

### Electricity Consumption Statistics (2023 - 2025)



### Energy Conservation Measures

#### Air Conditioning Usage Management

- Implement the "turn off when leaving" principle to avoid long-term operation when no one is present.
- Use air conditioning with doors and windows closed to prevent energy waste.
- Turn off air conditioning 1 hour before leaving work.
- Regularly clean filters, check refrigerant, and maintain equipment status.
- Isolate idle warehouse areas with curtains according to material storage conditions, and turn off air conditioning in idle areas.

#### Lighting Control

- Turn off lighting in unused, standby, and non-production areas.
- Reduce lighting in non-office areas of office buildings by half.
- Turn off lighting when the workshop is on standby; reasonably turn on lighting in work areas and passageways during shutdown maintenance at the end of the month.
- Turn on/off lighting at inline inspection stations on the assembly line as needed.

#### Drinking Water Equipment Management

- Reduce the number of activated water boilers and water dispensers for centralized use.

#### Electronic Equipment and Appliance Management

- Reasonably use and manage office area appliances (e.g., mobile phones, computers, power strips).
- Turn off computers, printers, etc., in a timely manner during non-working hours

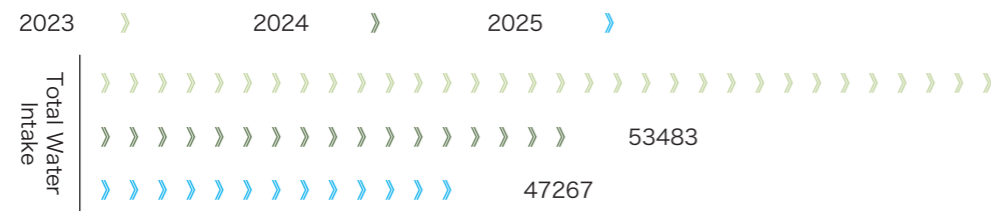
#### Low-Energy Equipment Promotion

- Phase out high-energy-consuming electromechanical equipment and carry out energy-saving retrofits.

## Water Resource Management

Talesun strictly abides by relevant national laws and regulations such as the Water Law of the People's Republic of China and the Law of the People's Republic of China on the Prevention and Control of Water Pollution, and fully complies with statutory requirements for water resource utilization and protection. The company implements closed-loop management throughout the entire process of **water intake, water use, and wastewater discharge**. Through systematic monitoring, management and optimization, it ensures compliant operation, continuously improves water use efficiency, strengthens wastewater control to reduce consumption and environmental risks, supports regional water environment protection with concrete actions, and lays a solid environmental management foundation for sustainable operations.

### Water Consumption Statistics (2023 - 2025)



Note: The 2023 total water intake includes the company's staff dormitory area (including dormitory commercial areas). The decrease in 2024 is due to the dormitory area being transferred to government ownership and thus excluded from the statistical scope. The decrease in 2025 is mainly attributed to the reduction in the number of on-site staff staying at the dormitory.

## Wastewater Management

The company attaches great importance to sewage treatment and discharge management. The sewage generated by the company is mainly domestic sewage. It has legally obtained the Urban Sewage Discharge Permit and strictly complies with national and local standards such as the Water Quality Standards for Sewage Discharged into Urban Sewers (GB/T 31962-2015) and the Integrated Wastewater Discharge Standard (GB 8978-1996). All domestic sewage is pre-treated and then discharged into the municipal sewage system for centralized and standardized disposal. To continuously ensure compliance with discharge requirements, the company commissions qualified third-party testing institutions to monitor pollutants at the wastewater discharge outlet every year. All test results meet permit limits and regulatory requirements, forming a complete compliance closed-loop from process control to result verification, and effectively fulfilling the company's environmental responsibilities.

## Pollution Prevention

Talesun strictly abides by laws and regulations including the Air Pollution Prevention and Control Law of the People's Republic of China and the Solid Waste Pollution Prevention and Control Law of the People's Republic of China, systematically manages the discharge of waste gas and solid waste, and fully implements environmental approval and pollutant discharge permit requirements. In accordance with national pollutant discharge standards, the company regularly monitors and accounts for major pollutants to ensure all discharge activities continuously meet statutory limits, and relevant information is disclosed in accordance with the law. To prevent and respond to potential environmental risks, the company has conducted risk assessments of sudden environmental incidents for key links in production and operation, and formulated a special emergency response plan on this basis, clarifying the organizational structure, response procedures and disposal measures to improve the ability to quickly respond to and effectively control sudden environmental incidents.

## Solid Waste

Talesun strictly complies with the Solid Waste Pollution Prevention and Control Law of the People's Republic of China, the National Catalogue of Hazardous Wastes and relevant management regulations, and has established clear waste management and control procedures. It implements standardized management throughout the entire process of classification, collection, storage, treatment and disposal of solid waste to ensure that all links meet regulatory requirements and minimize the environmental impact and related risks of operations. The solid waste generated by the

company's production and operation is mainly divided into general waste and hazardous waste. For general waste such as cell fragments, copper tape edge materials, EVA/TPT mixed waste, defective modules, packaging materials and pallets, the company collects them uniformly and hands them over to compliant recyclers for resource utilization, while other general waste is removed and disposed of by the sanitation system. For hazardous waste such as used rags, waste filter cotton, waste activated carbon, waste packaging materials, waste heat transfer oil, waste vacuum pump oil, waste soldering flux and waste fluorescent lamps, the company declares them on the corresponding management platform in strict accordance with regulatory requirements, and all are entrusted to units with corresponding hazardous waste disposal qualifications for safe and compliant disposal, realizing closed-loop management of hazardous waste.

### 2025 Solid Waste Statistics



Note: The statistics on the disposal of general waste mainly include iron pallets, wooden pallets and cardboard.

## Exhaust Gas Management

In terms of exhaust emission management, Talesun strictly implements the national Air Pollution Prevention and Control Law and relevant standards, and carries out systematic treatment and compliant control of organized exhaust gas generated in the production process. The organized exhaust gas of the company mainly comes from processes such as welding, with primary pollutants including tin and its compounds, particulate matter, and non-methane total hydrocarbons. All exhaust gas is effectively purified through a "filter cotton + two-stage activated carbon" treatment system and discharged through standardized exhaust stacks. To ensure the continuous and stable operation of treatment facilities and long-term compliance of emissions, the company has established a regular inspection, maintenance and evaluation mechanism. In 2025, the company entrusted a qualified third-party testing institution to monitor exhaust emissions from relevant production lines, and all test results met the requirements of national and local emission standards.

2025 Exhaust Gas Emissions			
Item	Unit	Total Emission Control Standard	2025 Total Emissions
Non-methane total hydrocarbon emissions	kg	4271	3880.8
Particulate matter emissions	kg	/	107





# Bring Benefit to Employees of 「TALESUN」 and Work Together to Succeed

### Key Actions

The company opposes all forms of forced labor, does not employ child labor, and prohibits any discrimination; continuously improves the compensation and benefits system and performance appraisal system; builds an online learning platform and an online Talesun Skills Camp to provide diverse employee training; implements supplier audits and due diligence management.

### UN SDGs Addressed in This Chapter



# Employee Rights Protection

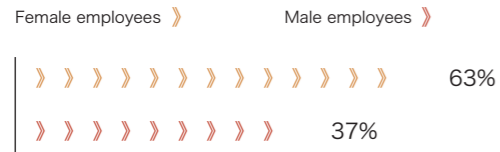
## Diversity, Equity and Inclusion

Talesun firmly believes that building a diverse, equitable and inclusive (DEI) workplace promotes the exchange of ideas, stimulates innovation, attracts and retains talent, and creates long-term value for the company. Upholding a people-oriented culture, the company explicitly prohibits any form of discrimination in recruitment, promotion and other processes based on race, ethnicity, religion, political opinion, nationality, color, gender, age, sexual orientation, marital status, or disability unrelated to work. It has zero tolerance for sexual harassment, physical or mental abuse, and strictly prohibits child labor, forced labor and corporal punishment. No discrimination complaints or related violations occurred during the reporting period. In terms of compliant operation and rights protection, the company strictly abides by the Labor Law of the People's Republic of China, Labor Contract Law of the People's Republic of China and other regulations, has formulated the Human Resource Management Procedure, and continuously maintains the valid certification of the SA 8000 social responsibility management system.

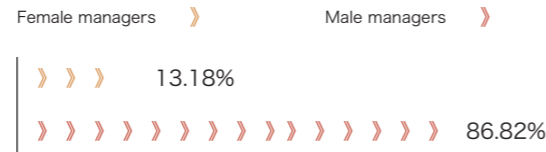
By the end of the reporting period the company achieved a **100%** labor contract signing rate and **100%** social insurance coverage, systematically protecting the legitimate rights and interests of employees.



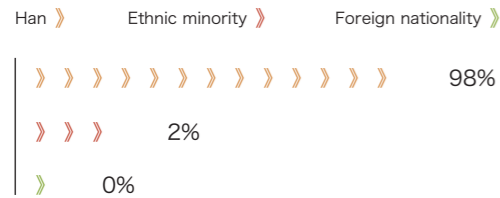
### Employee statistics by gender



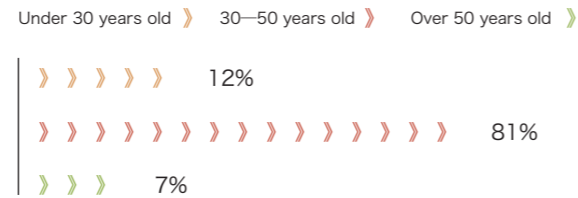
### Management Personnel by Gender



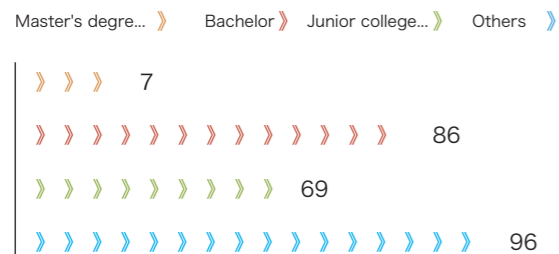
### Employee statistics by nation



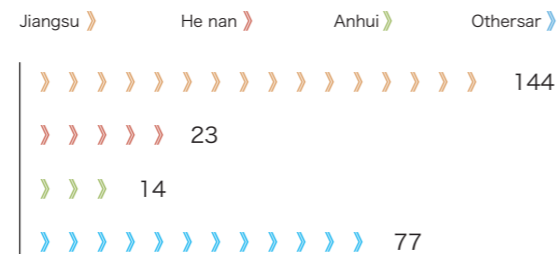
### Employee statistics by age



### Employee statistics by education

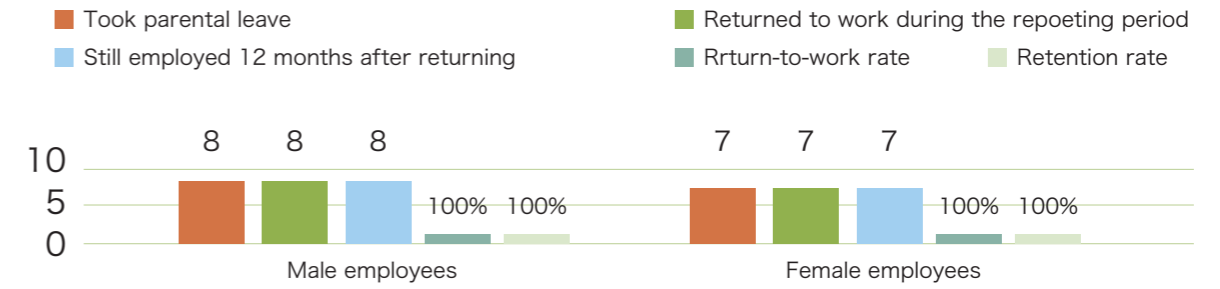


### Employee statistics by region



Note: Management personnel refer to employees with management functions, including managers and above, department supervisors, and frontline managers.

## Employee statistics on return to work after parental leave



## Workforce Management

The company always regards talent as the core driver of sustainable development. We attract talents through multiple channels, including online recruitment, offline recruitment, campus recruitment, and internal referrals. We also offer benefits such as housing subsidies or accommodation, transportation subsidies, and commuter shuttle services to enhance our appeal to outstanding talents. In terms of talent pipeline development, the company actively deepens university-enterprise cooperation, maintaining close ties with key universities such as Nanjing University of Aeronautics and Astronautics, Changshu Institute of Technology, and Sichuan University. By co-designing industry-relevant courses, organizing on-site visits and practical teaching, we help students learn and grow in real-world scenarios, which strengthens their identification with the company and lays a solid talent foundation for the company's long-term development.

Company Human Resources Management Honors		
Honor/Award Name	Award Time	Issuing Organization
14th "Polaris Cup" 2025 Annual	September 2025	Beijing Huoshan Dongli Network Technology Co., Ltd.
Changshu Labor Security Grade A Integrity Unit	2023	Changshu Municipal Bureau of Human Resources and Social Security
Advanced Unit for Legal Publicity and Education	February 2022	Changshu Leading Group Office for Legal Publicity and Education
Harmonious Labor Relations Enterprise	2022	Suzhou Tripartite Committee for Coordinating Labor Relations
Changshu Harmonious Labor Relations Enterprise	2022	Changshu Tripartite Committee for Coordinating Labor Relations

In the employment process, the company strictly complies with relevant laws and regulations. During the recruitment stage, after each department submits staffing requests, they must undergo preliminary review by the Human Resources Department, re-examination by the Deputy General Manager, and final approval by the General Manager before implementation. The employment conditions for specific positions are based on the company's recruitment advertisements, Employment Confirmation Letters, or Job Descriptions. During the probation period, the company requires employees to sign a labor contract on the day of onboarding and arranges onboarding training to ensure employees fully understand their job responsibilities, working conditions, workplace location, occupational hazards, work safety status, labor compensation, and other relevant matters. The company has an employee labor union that represents the interests of employees, reflects their wishes and demands, and safeguards their legitimate rights and interests. In 2025, the company elected a new session of employee representatives and successfully held the 5th Congress of Members. On this basis, the company conducted collective consultations with employee representatives to analyze the current status of the company and look forward to future development. Through democratic discussions, the 6th Committee, Financial Review Committee, and Women Employees' Committee of the Labor Union of Suzhou Talesun Solar Technology Co., Ltd. were elected. The composition of the Labor Dispute Mediation Committee, Labor Protection Supervision and Inspection Committee, and Labor Law Supervision Committee was also determined. In addition, for female employees, the union has formulated the Management Procedures for the Special Protection of Child Labor, Underage Workers, and Female Employees, which are implemented in accordance with laws and regulations on the protection of female employees. The union ensures that the proportion of female employee representatives is commensurate with the total number of female employees, and additionally stipulates that

female employees receive gynecological examinations once every two years to support the labor protection of female employees. The company respects employees' personal privacy information and strictly protects employee personal information, including personnel files, labor contracts, the company's compensation system, personal salaries, employee attendance records, and other personnel documents. The provision of employee-related information to external personnel or organizations requires the consent of department heads or above.

### Career Development

The company continuously taps into the potential of each employee, has formulated systems such as the Training Management System and Employee Performance Appraisal Measures, and improved the performance appraisal system. It is committed to creating a challenging environment that encourages employees to learn independently and continuously, helping them develop their careers and supporting them in realizing their self-worth.

#### Training and Assessment Methods

##### New Production Employees

Talesun has established a systematic, phased training and assessment mechanism for new employees to ensure they quickly integrate into the team and become competent in their roles, covering three levels:

1. Company-level General Training & Assessment: Organized by the Human Resources Department, covering company overview, corporate culture, personnel and administrative systems, basic Environment, Health and Safety (EHS) knowledge, and product knowledge. Theoretical assessments are conducted to ensure new employees develop basic company awareness and compliance consciousness.
2. Department-level Professional Training & Assessment: Conducted by the hiring department after passing the company-level assessment. Focuses on basic professional knowledge and processes related to departmental functions and job responsibilities, with corresponding theoretical assessments to build a professional foundation for subsequent on-the-job work.
3. On-the-job Practical Training & Certification: New employees who pass the first two stages enter production or related frontline positions to receive pre-job practical training, systematically learning operating specifications, safety procedures, and practical skills. They may only officially start work after passing both theoretical and practical evaluations.

##### Existing Employees

To systematically improve employee skills and operational standardization, the company has established a "Mentor-Apprentice" training system, where experienced employees guide new hires to master daily operations and work content. "Five-Minute Pre-shift Safety and Key Point Training" is also implemented in each team. All training processes are conducted under the guidance and supervision of designated personnel, and employees may only officially start work after passing theoretical and practical evaluations. Upon passing the assessment, employees obtain the corresponding position qualification certificate.

The company has also established a graded certification system for position qualifications, with four levels based on theoretical and practical assessment scores. Higher levels correspond to higher performance bonus bases. In addition, the company encourages employees to develop into "multi-skilled workers", providing additional incentives to those who master and pass assessments for two or more position skills, to promote skill diversification and organizational flexibility.

To support employees' personalized learning and continuous growth, the company has built an online learning platform offering a diverse range of courses from basic skills to professional knowledge to meet employees' differentiated career development needs. In 2025, the company organized multiple training sessions focusing on improving work efficiency and personal quality, covering various aspects of work and daily life. During the reporting period, the company conducted 17 training projects, covering 168 employees. The total training hours organized by the company throughout the year reached 8,606.65 hours, covering all levels of the company, with an average of 51.23 hours of training per employee, reflecting the company's continuous investment in employee capacity building.

Training Category	Number of Projects	Proportion	Core Training Content	Applicable Positions/Scenarios
External Training	8	47.10%	Low-voltage electrician review, high-voltage electrician training, safety A/C certificate training, special equipment safety management, etc.	Electricians in photovoltaic production workshops, safety management personnel, equipment operation and maintenance personnel

Group Internal Training	5	47.10%	Quality management tools, corporate WeChat applications, macroeconomics, Sino-US tariff war analysis, corporate culture compliance	Universal for all positions, focusing on quality control, office efficiency, and industry awareness
Talesun Company Training	2	47.10%	AI office quality and efficiency improvement, full-link sales training (products/market/logistics/business)	Sales teams, administrative office and technical support positions
External Training	2	47.10%	Safety Class III certificate continuing education, safety management personnel retraining	Safety management and key frontline production positions



Training photos

### Performance Appraisal

Talesun has established a systematic performance appraisal system based on the Employee Assessment Management Measures. It aims to scientifically evaluate employee contributions, clarify work directions, and implement effective incentives, thereby continuously improving organizational efficiency and market competitiveness. Assessments are conducted on monthly, quarterly, and annual cycles, consisting of key performance indicators (KPIs) and general responsibility indicators. The company comprehensively uses methods such as target weighting, deduction scoring, and qualitative evaluation for indicator setting and scoring. By strongly linking performance levels with rewards, it effectively stimulates employees' enthusiasm and initiative. During the reporting period, the performance appraisal coverage rate reached 100%.

During the reporting period, the performance appraisal coverage rate reached **100%**.

### Remuneration and Benefits

The company provides competitive compensation and benefits for employees, caring for their well-being, enhancing their satisfaction and loyalty, and inspiring their work enthusiasm and creativity.

#### Social Insurance and Housing Fund:

Handle social insurance and housing fund contributions in accordance with regulations.

#### Employee Dormitory:

Provide dormitory accommodation or subsidies for employees in Changshu who have no suitable housing or face transportation difficulties.

#### Meal Support:

Provide work meals for all employees.

#### Commuter Bus:

Provide commuter buses to and from downtown Changshu for employees.

#### Health Check-ups:

Arrange periodic health check-ups and recreational/sports activities for employees.

#### Holiday Benefits:

Distribute holiday allowances or gifts on appropriate festivals.

## Employee Care

The company provides various work benefits for employees to improve their quality of life and build harmonious labor relations.



To promote fairness, transparency, and continuous improvement in performance management, Talesun has established a systematic performance communication and coaching mechanism. The company provides employees with two-way communication channels with their direct supervisors, particularly encouraging open dialogue regarding the performance appraisal process and results. When an employee's performance fails to meet expectations, supervisors are required to initiate the performance coaching process. Through formal mechanisms such as monthly/quarterly departmental performance meetings, regular work reviews, and critical incident records, combined with daily informal exchanges, supervisors and employees jointly analyze the root causes of issues, provide resource support, and formulate improvement plans. After the appraisal, direct supervisors conduct one-on-one feedback interviews with employees to communicate the evaluation results and clarify improvement directions. For low-performing employees, the company assists them in developing and implementing Performance Improvement Plans (PIPs). Through structured tracking and regular result reviews, the company effectively helps employees enhance their capabilities and improve performance, reflecting a talent philosophy that emphasizes both management and development.

## Safety in Production

### Safety Management System

Adhering to the policy of "safety first, prevention-oriented, and comprehensive management", Talesun regards work safety as the cornerstone of its operations. In accordance with the Work Safety Law, the company has established a Safety Management Committee led by the General Manager, which is responsible for the overall work safety management of the company. The committee holds quarterly meetings to systematically review and evaluate the work safety situation and deploy improvement measures. To ensure the implementation of safety responsibilities, the company signs annual Work Safety Responsibility Agreements with all employees, clarifying safety duties for each position and standardizing operational behaviors to prevent and reduce safety incidents at the source. Regarding the management of contractors and partners, the company defines mutual safety responsibilities by signing the Contractor EHS Management Agreement. A 24-hour emergency hotline (+86 512-82355213) is also established to strengthen the coordinated response mechanism and jointly ensure the safety and controllability of all operations.

#### Safety Control Model

Ecological coordination, penetrating control, embedded assurance, and community building.

#### Emergency Management

To strictly comply with the Work Safety Law of the People's Republic of China, the Emergency Response Law of the People's Republic of China, the Measures for the Administration of Production Safety Accident Emergency Plans and other relevant laws and regulations, the company aims to prevent production safety accidents and quickly gain control in the event of major accidents to prevent escalation. For this purpose, the company has formulated the Production Safety Accident Emergency Plan to guide and standardize emergency rescue operations for production safety accidents. It has improved the management of special emergency plans for seven types of accidents, including fire, mechanical injury, extreme natural disasters, special

#### Emergency Management



Safety Emergency Drills

#### Safety Inspection and Improvement

Safety hazard investigation plays a key role in preventing accidents, protecting employee safety and ensuring stable enterprise operation. The Safety Management Committee reviews safety hazards identified each quarter and plans follow-up improvement actions. The company attaches great importance to potential safety hazards and orders all factories to strengthen supervision and inspection to eliminate hazards immediately, so as to ensure the safety of production processes and personnel. Regular inspections are conducted monthly, with special checks before holidays. During the reporting period, a total of 139 safety hazards were identified, all of which have been rectified, with a rectification rate of 100%.

## Occupational Health

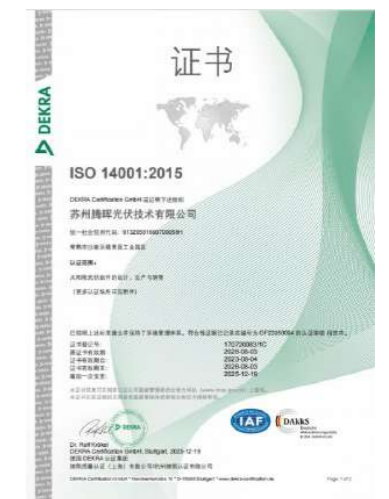
The company has implemented the ISO 45001 Occupational Health and Safety Management System, placing employees' occupational health and safety at the core. By identifying and controlling potential risks in the working environment, the company prevents accidents and protects employees' lives and health. The company regularly tests occupational disease hazards and workplace hazard factors, covering positions such as inspection, lay-up, lay-up rework, and string welding. All testing items in 2025 met the qualified standards.

#### Occupational Health Policy

Prevention first, full participation, continuous improvement

#### Occupational Health Goals

Zero safety accidents, zero occupational diseases



ISO 45001:2018 Occupational Health and Safety Management System Certificate

The company also develops detailed work instructions for specific positions to remind employees of potential safety risks during operations and guide them on compliant safe operating methods. For example, for the insulation and withstand voltage testing process, the company has formulated the Work Instruction for Module Withstand Voltage and Insulation Testing, which stipulates that employees must wear insulating gloves, are prohibited from wearing metal items, and require power to be turned off when installing connecting wires and conducting inspections—power can only be turned on after connections are completed for testing. These measures ensure the electrical safety of employees during the testing process.

## Safety Training and Culture

The company's EHS Department formulates an annual safety and emergency training plan, which is promoted and implemented on a monthly basis. Through diverse safety education, training, and drills, the company continuously deepens the concept of "safety first", effectively improves the safety awareness, literacy, and practical skills of project managers, safety management personnel, and special operations personnel, ensuring that relevant personnel proficiently master basic safety operating procedures and laying a solid foundation for the work safety of all production and operation units. In 2025, the company organized safety and emergency training covering 16 major categories, including safety hazard investigation and rectification, mechanical equipment safety knowledge, work safety responsibility systems, and fire emergency safety. This year, the three-level safety education and training for new employees achieved full coverage with a 100% training compliance rate.

Safety Management-Related Statistics		
Category	Unit	2025
Total training hours for safety management personnel	hours	80
Total person-hours of safety management personnel training participation	hours	80
Total safety training hours for active employees	hours	24.5
Total person-hours of safety training participation for active employees	hours	606.5
Total training hours for contractors	hours	4.5
Total person-hours of contractor training participation	hours	15.5

## Sustainable Supply Chain

### Supplier Management

The company has established a flexible and efficient supply chain supported by a diversified supplier network, enabling real-time responses to changing market demands and rapid adjustments to production and logistics arrangements, thereby securing its competitive edge in a dynamic market environment. To continuously strengthen this advantage, the company has been optimizing its procurement management system by defining detailed rules for procurement planning, execution, monitoring and other processes. Through regular risk assessment and auditing, it effectively identifies and mitigates potential risks such as supply chain disruptions and cost fluctuations. In addition, the company has formulated documents including the Supplier Management Procedure and Procurement Supplier Development and Management System, which clearly regulate supplier access criteria, performance evaluation indicators and traceability mechanisms to ensure full transparency and controllability from qualification review to cooperation assessment. It also integrates social responsibility requirements such as environmental protection, labor rights and ethical procurement into the management system, encouraging suppliers to jointly pursue sustainable development. These measures have not only strengthened supply chain resilience but also laid a solid foundation for building an environmentally friendly and socially responsible sustainable supply chain, supporting long-term business growth and brand value enhancement.

During the supplier introduction phase, for production material suppliers, the company conducts screening covering business qualifications, product quality and safety, environmental compliance, business ethics and other aspects, selects suppliers with complete qualifications, and carries out on-site audits for confirmation. For project-based suppliers, the company specifies requirements through bidding documents and selects suppliers matching project needs. Under the condition that all criteria are met, the company gives priority to local procurement.

In 2025 the local procurement ratio of qualified suppliers for module materials reached **77.22%** an increase of **5.09%** compared with 2024 the local procurement ratio for cell suppliers stood at **83.33%**

During the supplier performance evaluation phase, the company conducts monthly reviews and rankings focusing on product quality, delivery performance, price adjustments, service quality and other indicators. Partners rated as Excellent Suppliers for two consecutive months are designated as Preferred Suppliers. The company places orders preferentially with Preferred Suppliers and increases the procurement ratio by 20% compared with Good Suppliers, while nurturing and supporting them as strategic cooperation resources. Partners rated as Good Suppliers for two consecutive months receive orders under normal procedures and proportions. For partners whose monthly scores fall below the required standard, the company reduces order volumes, requires improvement actions and tracks progress; failure to improve will result in disqualification. Furthermore, the company conducts an annual review of all suppliers covering 10 major categories and a total of 111 assessment items, including quality systems, production planning, procurement management, environmental, health and safety (EHS), and corporate social responsibility. On-site audits are carried out based on annual performance and geographical location. Suppliers are improved or phased out according to audit results to optimize the supplier structure.

In 2025, the annual supplier audit pass rate reached **100%**

The company maintains regular daily communication with suppliers to help improve their management capabilities. For geographically close suppliers, the procurement department arranges on-site guidance on specific issues to ensure closer and more efficient cooperation. Such proactive interaction not only enhances supply chain stability but also promotes mutual growth and innovation, thereby improving the competitiveness of the entire supply chain.

Supplier Management-Related Statistics				
Category	Unit	2023	2024	2025
Number of qualified suppliers for module materials	Companies	74	65	61
Newly added qualified suppliers	Companies	5	7	11

### Responsible Supply Chain

The company attaches great importance to strengthening risk management of suppliers in terms of business ethics, environmental protection and social responsibility. To this end, the company has established a systematic risk management framework and conducts regular comprehensive evaluations of suppliers, including reviewing their codes of business ethics, environmental management practices, and fulfillment of social responsibilities. By building a responsible supply chain, the company has not only formulated clear supplier codes of conduct but also actively carried out cooperation and training to enhance the transparency and sustainability of the entire supply chain. These measures effectively protect the business and operations from environmental, social and governance risks, reducing potential operational disruptions and reputational losses. At the same time, the company has deeply integrated social responsibility requirements into various aspects of supply chain management, such as incorporating ethical procurement standards in the procurement process, embedding social responsibility clauses in contract management, strengthening environmental and social indicators in performance monitoring, and promoting all parties in the supply chain to jointly fulfill social responsibilities through continuous improvement mechanisms, thereby building a robust, compliant and resilient supply chain system.

When signing contracts with suppliers, the company requires key material suppliers to sign social responsibility commitments and restricted substance guarantees, which mainly include prohibiting the use of child labor and forced labor, requiring suppliers to provide safe and hygienic working and living conditions, respecting employees' basic human rights, and prohibiting the use of harmful and restricted substances, to protect the basic rights and interests of supplier employees. In 2025, the signing rate of social responsibility commitments and restricted substance guarantees for raw and auxiliary material suppliers reached 50%, representing a significant increase of 15.8% compared with 2024. In addition, the company has also added

confidentiality, integrity and prohibition of commercial fraud clauses in long-term material supply contracts, and provided a reporting channel for anti-corruption issues to strengthen the compliance, openness and transparency of the supply chain.

**Supplier Reporting Channels:**

Reporting Hotline: +86 0512-52573207

Reporting Email: dangban@zhongli.com

Mailing Address: Audit Department, Suzhou Talesun Solar Technology Co., Ltd., No. 1 Talesun Road, Shajiabang Town, Changshu City, Jiangsu Province

When conducting supplier audits, the company conducts annual audits of suppliers on-site or online to assess their performance in social responsibility and emphasize the importance of social responsibility work. The company has set a passing score of 80 for supplier social responsibility management audits; suppliers scoring below 80 are required to cooperate with the company to take further improvement measures or may have their supplier qualification revoked directly.

**Key Performance Indicators**

2025

- Number of suppliers with long-term material supply contracts: 7 for main materials, 4 for packaging materials
- Number of suppliers with significant risk of child labor incidents: 0
- Number of suppliers with significant risk of forced labor incidents: 0

In addition, the company actively communicates and cooperates with suppliers to reduce resource waste and build a greener and more efficient supply chain cooperation model. In 2025, the company cooperated with suppliers to launch a steel pallet recycling and reuse project.

## Community Development

The company upholds social responsibility, actively participates in community development, commits to addressing community challenges, improves governance efficiency, demonstrates a responsible corporate image, and works hand in hand with the community to jointly promote a sustainable future.

**Case**

**Blood Donation Campaign: Sustaining Lives with Warmth - Talesun Organizes Employee Blood Donation Activity**

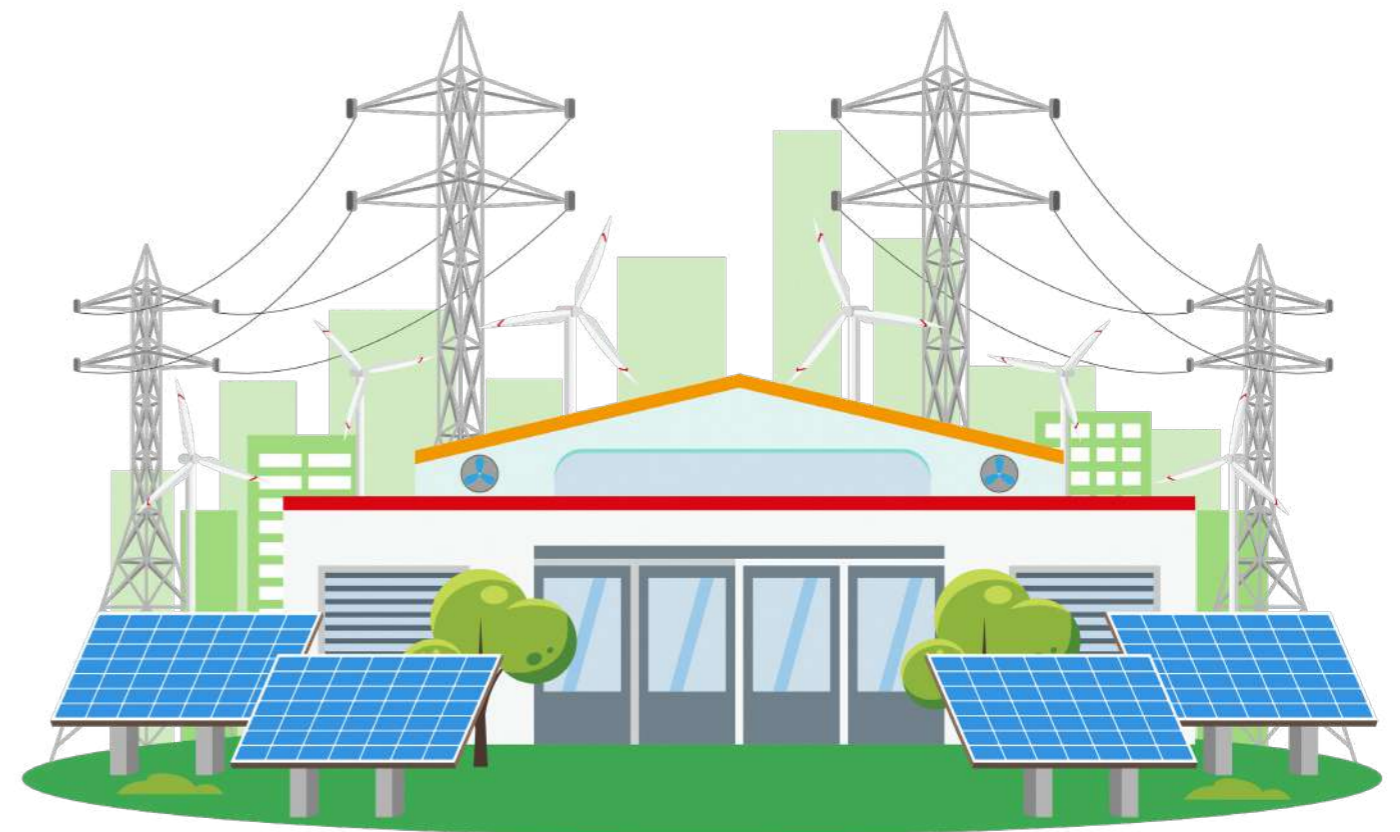
To actively fulfill corporate social responsibility and convey care for life, Talesun recently organized a public welfare blood donation activity themed "Blood Donation Campaign: Sustaining Lives with Warmth". The event received enthusiastic responses and active participation from employees, demonstrating the spirit of Talesun people to give back to society with love.

On the day of the activity, participating employees completed processes such as information registration, health consultation, and blood testing in an orderly manner under the guidance of medical staff and volunteers. The blood donation team included both long-term regular donors and first-time participants, all with a common wish - to use renewable blood to support irreplaceable lives. Every drop of blood carries Talesun people's respect and care for life, and reflects the company's value of "people-oriented and giving back to society".

In the future, Talesun will continue to encourage and organize such public welfare activities, integrate the spirit of dedication into corporate culture, and continuously contribute to the cause of health and social harmony, allowing more lives to be sustained through the relay of love.



Blood Donation Activity



## Appendix

## Employee Structure Data

Type	Unit	2023	2024	2025
Permanent worker	Person	484	423	258
Dispatching worker	Person	0	0	0
Other non-employees of the Company, such as employees of the outsourcing party who work in the Company	Person	0	0	0
Labor contract signing rate (by regular employees)	%	100%	100%	100%
Social security coverage (by regular employees)	%	100%	100%	100%
<b>By gender</b>				
Male employees	Person	301	258	162
Female employees	Person	183	165	96
<b>By age</b>				
< 30 years old	Person	81	43	30
30-50 years old	Person	362	338	210
> 50 years old	Person	41	42	18
<b>By education background</b>				
Master' s degree and above	Person	8	7	7
Bachelor	Person	145	127	86
Associate degree	Person	140	118	69
Others	Person	191	171	96
<b>By region</b>				
Jiangsu	Person	256	237	144
Henan	Person	50	37	23
Anhui	Person	17	14	14
Other areas	Person	161	135	77
<b>By nation</b>				
Han	Person	474	415	253
Ethnic minority	Person	10	8	5
Foreign nationality	Person	0	0	0
<b>By management personnel</b>				
Management personnel (above manager level)	Person	84	78	49
Female management	Person	17	17	12
Percentage of female managers	%	20.2%	21.8%	13.18%
<b>Changes in permanent worker</b>				
New employee	Person	57	4	42

Separated employee*	Person	152	69	175
Dismissed employee	Person	0	0	0
The emeritus and retired	Person	7	2	4
Employee employment rate	%	11.78%	0.95%	16.30%
Average monthly staff churn rate	%	2.74%	1.89%	4.40%
<b>New employees-by gender</b>				
Male employees	Person	41	4	28
Female employees	Person	16	0	14
<b>New employees-by age</b>				
< 30 years old	Person	30	1	18
30-50 years old	Person	27	3	23
> 50 years old	Person	0	0	1
<b>New employees-by education background</b>				
Master' s degree and above	Person	1	0	5
Bachelor	Person	21	1	22
Associate degree	Person	16	2	7
Others	Person	19	1	8
<b>New employees-by region</b>				
Jiangsu	Person	21	4	12
Henan	Person	7	0	5
Anhui	Person	4	0	5
Other areas	Person	25	0	20
<b>Separated employee-by gender</b>				
Male employees	Person	112	53	108
Female employees	Person	47	18	71
<b>Separated employee-by age</b>				
< 30 years old	Person	43	16	21
30-50 years old	Person	111	52	138
> 50 years old	Person	5	3	20
<b>Separated employee-by education background</b>				
Master' s degree and above	Person	1	1	6
Bachelor	Person	39	23	68
Associate degree	Person	47	26	61
Others	Person	72	21	44
<b>Separated employee-by region</b>				
Jiangsu	Person	50	25	88

Henan	人	12	13	14
Anhui	人	18	3	7
Other areas	%	79	30	70

\*Note: The statistics of separated employees include retired employees.

### Safety Management Data

Type	Unit	2023	2024	2025
Safety investment	RMB 10,000	80.41	87.5	82.95
Number of work-related deaths	人	0	0	0
Number of work-related injuries with serious consequences	人	0	0	0
Number of occupational diseases	人	0	0	0
Number of work-related accidents	起	0	0	2
Coverage rate of occupational health examination	%	100%	100%	100%
Number of people discovered in occupational contraindication	人	0	0	0
Coverage rate of three-level education and training	%	100%	100%	100%

### Environmental Data

Items	Unit	2024 年	2025 年
Greenhouse gas emissionsScope 1	Tons of carbon dioxide equivalent	1341.92	1336.32
Greenhouse gas emissionsScope 2	Tons of carbon dioxide equivalent	11277.64	5353.34
Total emission of scope 1 and scope 2	Tons of carbon dioxide equivalent	12619.56	6689.65

Note 1: The company's main greenhouse gas emission types are CO<sub>2</sub>, CH<sub>4</sub>, HFCs and SF<sub>6</sub>, excluding N<sub>2</sub>O, PFCs and NF<sub>3</sub>. The operational control approach is adopted to define the emission boundary. The emission factor for purchased electricity is sourced from the Announcement on Issuing the 2023 Power Sector Carbon Dioxide Emission Factor issued by the Ministry of Ecology and Environment and the National Bureau of Statistics. The national average power sector CO<sub>2</sub> emission factor is 0.5306 kgCO<sub>2</sub>e/kWh.

Items	Unit	2023	2024	2025
Purchased electricity	MWh	25378.9	21016.8	10089.21
Total water withdrawal	M <sup>3</sup>	137716	53483	47267

Items	Unit	2025
General waste disposal volume (recycled and processed by recyclers)	Ton	173.5
Amount of hazardous waste generated	Ton	5.61
Non-methane total hydrocarbon emissions	kg	3880.8
Particulate matter emissions	kg	107

## Indicators Index

Index Table of the Global Reporting Initiative (GRI Standards 2021)

Statement of Use	Talesun has reported the information cited in this GRI content index for the period from January 1, 2025, to December 31, 2025 with reference to the GRI Standards		
Used GRI1	GRI 1: Foundation 2021		
GRI Standards	Disclosure	Corresponding Chapter	page number
<b>GRI 2: General Disclosures 2021</b>	<b>1.The organization and its reporting practices</b>		
	2-1Organizational details	Company Profile	7
	2-2 Entities included in the organization's sustainability reporting	About the Report	3
	2-3 Reporting period, reporting frequency, and contact point	About the Report	3
	2-4 Restatements of information	About the Report	3
	2-5 External assurance	Forensic Statement	67
	<b>2.Activities and workers</b>		
	2-6 Activities, value chain and other business relationships	Company Profile	7
	2-7 Employees	Employee Rights Protection, Appendix	49
	<b>3.Governance</b>		
	2-9Governance structure and composition	Sustainable Development Management	17
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	2-11 Chair of the highest governance body	Sustainable Development Management	17
	2-12 Role of the highest governance body in overseeing the management of impacts	Sustainable Development Management	17
	2-13 Delegation of responsibility for managing impacts	Sustainable Development Management	17
	2-14 Role of the highest governance body in sustainability reporting	Sustainable Development Management	17
	<b>4.Strategy, policy and practice</b>		
	2-22 Statement on sustainable development strategy	Message from the Management	5
	2-26 Mechanisms for seeking advice and raising concerns	Business Ethics, Customer Service, Protection of Employees' Rights and Benefits, Sustainable Supply Chain	21、36、49、55
	2-27 Compliance with laws and regulations	Compliance management	21
2-28 Membership associations	R&D and Innovation	25	
<b>5.Stakeholder engagement</b>			
2-29 Approach to stakeholder engagement	Sustainable Development Management	18	
2-30 Collective bargaining agreements	Protection of Employees' Rights and Benefits	49	

<b>GRI 3: Material Topics 2021</b>	3-1 Process to determine material topics	Sustainable Development Management	19
	3-2 List of material topics	Sustainable Development Management	20
<b>GRI 201: Economic Performance 2016</b>	201-1 Direct economic value generated and distributed	Company Profile	7
	201-4 Financial assistance received from government	R&D Management	25
<b>GRI 204: Procurement Practice 2016</b>	3-3 Management of material topics	Sustainable Supply Chain	55
	204-1 Proportion of spending on local suppliers	Sustainable Supply Chain	55
<b>GRI 205: Anti-corruption 2016</b>	3-3 Management of material topics	Business Ethics	21
	205-2 Communication and training about anti-corruption policies and procedures	Business Ethics	21
	205-3 Confirmed incidents of corruption and actions taken	Business Ethics	21
<b>GRI 206: Anti-competitive Behavior 2016</b>	3-3 Management of material topics	Compliance management	21
	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Compliance management	21
<b>GRI 207: Tax 2019</b>	3-3 Management of material topics	Compliance management	21
	207-2 Tax governance, control, and risk management	Compliance management	21
<b>GRI 302: Energy 2016</b>	3-3 Management of material topics	Resource Management	43
	302-1 Energy consumption within the organization	Resource Management	44, 45
<b>GRI 303: Water and Effluents 2018</b>	3-3 Management of material topics	Resource Management	43
	303-1 Interactions with water as a shared resource	Resource Management	44, 45
	303-2 Management of water discharge-related impacts	Resource Management	43, 44, 45
	303-3 Water withdrawal	Resource Management	43, 44, 45
<b>GRI 305: Emissions 2016</b>	3-3 Management of material topics	Climate Change Response and Pollution Prevention	41, 42, 45
	305-1 Direct (Scope 1) GHG emission	Climate change response	41, 42
	305-2 Energy indirect (Scope 2) GHG emissions	Climate change response	41, 42
	305-7 Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions	Pollution Prevention	45
<b>GRI 306: Waste 2020</b>	3-3 Management of material topics	Pollution Prevention	45
	306-1 Waste generation and significant waste-related impacts	Pollution Prevention	45
	306-2 Management of significant waste-related impacts	Pollution Prevention	45
	306-3 Waste generated	Pollution Prevention	45
<b>GRI 308: Supplier Environmental Assessment 2016</b>	3-3 Management of material topics	Sustainable Supply Chain	55
	308-1 New suppliers that were screened using environmental criteria	Sustainable Supply Chain	55
<b>GRI 401: Employment 2016</b>	3-3 Management of material topics	Protection of Employees' Rights and Benefits	55
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	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Protection of Employees' Rights and Benefits	52
	401-3 Parental leave	Protection of Employees' Rights and Benefits	50
<b>GRI 403: Occupational Health and Safety 2018</b>	3-3 Management of material topics	Workplace Safety	53, 54, 55
	403-1 Occupational health and safety management system	Workplace Safety	53, 54, 55
	403-2 Hazard identification, risk assessment, and incident investigation	Workplace Safety	53, 54, 55
	403-3 Occupational health services	Workplace Safety	53, 54, 55

	403-4 Worker participation, consultation, and communication on occupational health and safety	Workplace Safety	53, 54, 55
	403-5 Worker training on occupational health and safety	Workplace Safety	53, 54, 55
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Workplace Safety	53, 54, 55
	403-8 Workers covered by an occupational health and safety management system	Workplace Safety	53, 54, 55
	403-9 Work-related injuries	Workplace Safety	53, 54, 55
	403-10 Work-related ill health	Workplace Safety	53, 54, 55
<b>GRI 404: Training and Education 2016</b>	3-3 Management of material topics	Protection of Employees' Rights and Benefits	51, 52
	404-1 Average hours of training per year per employee	Protection of Employees' Rights and Benefits	51, 52
	404-2 Programs for upgrading employee skills and transition assistance programs	Protection of Employees' Rights and Benefits	51, 52
<b>GRI 405: Diversity and Equal Opportunity 2016</b>	404-3 Percentage of employees receiving regular performance and career development reviews	Protection of Employees' Rights and Benefits	51, 52
	3-3 Management of material topics	Protection of Employees' Rights and Benefits	49
<b>GRI 406: Non-discrimination 2016</b>	405-1 Diversity of governance bodies and employees	Employee Rights Protection, Appendix	49
	3-3 Management of material topics	Protection of Employees' Rights and Benefits	49
<b>GRI 408: Child Labor 2016</b>	406-1 Incidents of discrimination and corrective actions taken	Protection of Employees' Rights and Benefits	49
	3-3 Management of material topics	Protection of Employees' Rights and Benefits	49
<b>GRI 409: Forced or Compulsory Labor 2016</b>	408-1 Operations and suppliers at significant risk for incidents of child labor	Protection of Employees' Rights and Benefits and Sustainable Supply Chain	49, 55
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<b>GRI 414: Supplier Social Assessment 2016</b>	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Protection of Employees' Rights and Benefits and Sustainable Supply Chain	49, 55
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<b>GRI 416: Customer Health and Safety 2016</b>	414-1 New suppliers that were screened using social criteria	Sustainable Supply Chain	55
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<b>GRI 417: Marketing and Labeling 2016</b>	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	Product Quality Management	34, 35, 36
	3-3 Management of material topics	Product Quality Management	34, 35, 36
<b>GRI 418: Customer Privacy 2016</b>	GRI 417-2: Incidents of non-compliance concerning product and service information and labeling	Product Quality Management	34, 35, 36
	3-3 Management of material topics	Customer Services	36, 37
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# Forensic Statement



## ASSURANCE STATEMENT

### REPORT ON SUSTAINABILITY ACTIVITIES IN THE SUZHOU TALESUN SOLAR TECHNOLOGIES CO., LTD.'S ESG REPORT FOR 2025

#### NATURE OF THE ASSURANCE/VERIFICATION

SGS-CSTC Standards Technical Services Co., Ltd. (hereinafter referred to as SGS-CSTC) was commissioned by SUZHOU TALESUN SOLAR TECHNOLOGIES CO., LTD. (hereinafter referred to as TALESUN SOLAR) to conduct an independent assurance of the ESG Report for 2025 (Chinese version) for the period of January 1, 2025 to December 31, 2025.

#### INTENDED USERS OF THIS ASSURANCE STATEMENT

This Assurance Statement is provided with the intention of informing all TALESUN SOLAR's Stakeholders.

#### RESPONSIBILITIES

The sustainability information in the ESG Report for 2025 and its presentation are the responsibility of TALESUN SOLAR's ESG governing body and the management.

Our responsibility is to express an opinion on the sustainability performance information within the scope of assurance based upon sufficient and appropriate objective evidence.

SGS-CSTC hereby states that it shall not be held responsible or liable for any direct, indirect, incidental, or consequential damages or losses arising from or in connection with the use of information provided in this report.

#### ASSURANCE STANDARDS, TYPE AND LEVEL OF ASSURANCE

The SGS Group ESG & Sustainability Report Assurance (SRA) protocols used to conduct assurance are based upon internationally recognised assurance standards including the ISAE 3000.

The assurance of this report has been conducted according to the following Assurance Standards:

Assurance Standard	Level of Assurance
ISAE 3000	Limited

#### SCOPE OF ASSURANCE

The scope of the assurance included evaluation of quality, accuracy and reliability of specified performance information in the ESG Report for 2025 and evaluation of adherence to the following reporting criteria:

Reporting Criteria
GRI Standards 2021 (With Reference to)

#### ASSURANCE METHODOLOGY

The assurance comprised a combination of pre-assurance research, interviews with relevant employees on-site at Talesun Road, Shajiang Town, Changshu City, Suzhou City, Jiangsu Province, P.R. China, including documentation and record review and validation where relevant.

The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.



#### LIMITATIONS AND MITIGATION

Data drawn directly from independently audited financial accounts and intensity data calculated based on financial data has not been checked back to source as part of this assurance process.

The greenhouse gas emission related data in the ESG Report for 2025 has been directly adopted from the independent third party verification data and has not been double verified in this audit.

#### STATEMENT OF INDEPENDENCE AND COMPETENCE

The SGS Group of companies is the world leader in inspection, testing and certification, operating in multiple countries and providing services. As an affiliate of SGS Group, SGS-CSTC affirm our independence from TALESUN SOLAR, being free from bias and conflicts of interest with the organisation, its subsidiaries and stakeholders.

The assurance team was assembled based on their knowledge, experience and qualifications for this assignment.

#### FINDINGS AND CONCLUSIONS

##### ASSURANCE/VERIFICATION OPINION

On the basis of the methodology described and the assurance engagement performed, no inaccuracies or reliability issues were identified within the scope of the sustainability performance information covered by the ESG Report for 2025.

##### ADHERENCE TO GRI STANDARDS 2021

The assurance team concludes that the TALESUN SOLAR's ESG Report for 2025 has been prepared with reference to the requirements of GRI Standards 2021.

Signed:

For and on behalf of SGS-CSTC

David Xin  
Sr. Director – Business Assurance  
16/F Century Yuhui Mansion, No. 73, Fucheng Road, Beijing, P.R. China

May, 18<sup>th</sup>, 2026  
WWW.SGS.COM



CN26/00003484

## Reader Feedback

Dear Reader,

Thank you for taking the time to read this report. To continuously improve our environmental, social and governance (ESG) practices and disclosure quality, we sincerely welcome your valuable feedback. Every comment you provide is an important driving force for our progress. Please complete the following questionnaire and send it to us via email at (jing.li@talesun.com) . This feedback form is anonymous, and all information will only be used to improve our work.

1. What is your relationship with us? (Multiple answers allowed)

Investor/Shareholder  Customer/Partner  Regulatory Authority  Media  Industry Association/NGO Employee  Community Resident  Scholar/Researcher  Other \_\_\_\_\_

2. Please rate the following aspects of this report (please tick "✓" in the corresponding column)

Evaluation Dimension	Excellent	Good	Average	Poor	Very Poor
(1) Clarity, accuracy and completeness of information disclosure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) Clarity of content structure and ease of reading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) Layout design and readability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) Ability to effectively reflect the company's ESG performance and impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Can you easily find the information you care about in this report?

Yes  Average  No

4. Do you have any specific opinions or suggestions for our future ESG work and report preparation? (e.g., topics you hope to strengthen disclosure on, cases of interest, directions for improvement, etc.)

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