



# LIMITED WARRANTY CERTIFICATE FOR TALESUN BC SOLAR PHOTOVOLTAIC MODULES

SPEC. NO.: TS-ET-208  
REVISION : A0  
EFFECTIVE DATE: 09-2025

Talesun Solar reserves the right to change this Limited Warranty without prior notice.

Please visit TALESUN's official website for the latest version of the Global Limited Warranty: <https://www.talesun.com/en>

Suzhou Talesun Solar Technologies Co., Ltd.

 <b>Suzhou Talesun Solar Technologies Co., Ltd.</b>	<b>TECHINICAL SPECIFICATION</b>	
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		Page 1 of 12

Thank you for making the right decision on purchasing high quality photovoltaic modules from Suzhou Talesun Solar Technologies Co., Ltd. (hereinafter referred to as "TALESUN").

**1. Limited Warranty**

**1.1 Warranty Start Date**

The warranty start date of the Solar Modules stipulated under this Limited Warranty for Solar Modules (hereinafter referred to as "Limited Warranty") is the date of delivery to the Initial Customer or 6 months after the modules are shipped out of the production plant, whichever is earlier (hereinafter referred to "Warranty Start Date"). For the avoidance of doubt, the Initial Customer means the Buyer or Purchaser as identified in the Sales Contract for the purchase of the Solar Modules, regardless of whether they are the end-user of the modules or not.

All warranties including the warranties of merchantability and fitness for use are limited to the period(s) from the Warranty Start Date set forth below. Not contrary to the foregoing, neither the sales personnel of TALESUN nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described below on behalf of TALESUN.

The warranties described herein shall be sole and exclusive warranties granted by TALESUN and shall be the sole and exclusive remedy available to the purchaser for TALESUN’s breach of its warranty obligations under the Purchase Orders. Timely correction of defects or deficiencies of the applicable Modules, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of TALESUN to the Buyer with respect to the Products and shall constitute full satisfaction of all Buyer’s warranty claims, whether based on contract, negligence, and strict liability otherwise. TALESUN shall not be liable or in any way be responsible for any incidental or consequential damages of the Buyer arising out of TALESUN’s breach of warranty. TALESUN’s aggregate liability, if any, in damages or otherwise, shall not exceed the mutually agreed controlling

 <b>Suzhou Talesun Solar Technologies Co., Ltd.</b>	<b>TECHINICAL SPECIFICATION</b>	
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		Page 2 of 12

limitation of liability set forth in the Master Agreement between Talesun and the Buyer.

**1.2 Limited Product Warranty**

TALESUN warrants that for the Limited Product Warranty period since the Warranty Start Date that the Solar Modules (including the DC connectors and cables) will be free of defects in material or workmanship which affects the normal installation or utilization of the modules, provided that the Solar Modules are installed, utilized and maintained according to the stipulations of the Installation Manual provided by the Supplier, which may be updated from time to time. The aforesaid defects do not include changes in appearance or normal wear and tear of the Solar Modules after the modules is installed.

Performance warranty for the power output is not included here but it shall be specifically elaborated in the article 1.2 " Limited Performance Warranty" section below.

Modules are only applicable to the following module types that a period of 15 or 25 years since the Warranty Start Date, regardless of any change in ownership or transfer of the warranty to a different party.	
54 Series -25 years	72 Series -15 years
TM9C54M-xxx (xxx=475-495)	TM9C72M-xxx (xxx=645-665)
TN9C54M(H)-xxx (xxx=475-495)	TN9C72M(H)-xxx (xxx=645-665)

Note: xxx represents output power at STC in Wp.

**1.3 Limited Performance Warranty**

As for TALESUN BC monofacial and bifacial photovoltaic modules, during the first year of the Performance Warranty Period, the actual power output of the modules will reach at least 99% of the nominal power output; and from the second year, the actual power output will decline annually by no more than 0.35% for a period of 29 years; by the end of the 30th year, an actual output of at least 88.85% of the nominal power output is guaranteed. The specific calculation method can be found in the following formula:

$$\text{Actual Power Output (Year=1)} \geq \text{Nominal Power} * (1 - 1\%)$$

$$\text{Actual Power Output (Year=N, } 2 \leq N \leq 30) \geq \text{Nominal Power} * (1 - (1\% + 0.35\% * (N-1)))$$

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	<b>TITLE: LIMITED WARRANTY CERTIFICATE FOR TALESUN BC SOLAR PHOTOVOLTAIC MODULES</b>	<b>SPEC. NO.:</b> TS-ET-208 <b>REVISION:</b> A0 <b>EFFECTIVE DATE:</b> 09-2025
		Page 3 of 12

Modules are only applicable to the following module types that a period of 30 years since the Warranty Start Date, regardless of any change in ownership or transfer of the warranty to a different party.	
54 Series - 30 years	72 Series - 30 years
TM9C54M-xxx (xxx=475-495)	TM9C72M-xxx (xxx=645-665)
TN9C54M(H)-xxx (xxx=475-495)	TN9C72M(H)-xxx (xxx=645-665)

Note: xxx represents output power at STC in Wp.

The actual power output is to be measured under standard testing condition ("STC" or "Standard Test Conditions") in an independent testing lab accepted by the Supplier or previously designated by the Supplier, and when measuring the actual power output, measurement equipment tolerance is to be taken into consideration, as per IEC60904. Standard Test Conditions are: Air mass 1.5, wind speed 0m/s, irradiance 1000W/m<sup>2</sup>, cell temperature 25°C

**2. Warranty Claim Procedure**

If the customer has a reasonable claim covered by this limited warranty for solar photovoltaic modules, they should submit the warranty claim requirements and related information to TALESUN or authorized distributors of TALESUN in writing or email within the validity period of the product's warranty.

The customer shall provide necessary evidence documents for its claim. If the customer believes that the Solar Module does not meet the requirements of the “Limited Warranty”, the customer should notify TALESUN within 30 days after the claim is identified. The notice should include the following information:

- (a) the claimant;
- (b) a detailed description of the claim;
- (c) supporting materials, including photos or data;
- (d) serial number of affected module;

 <b>Suzhou Talesun Solar Technologies Co., Ltd.</b>	<b>TECHINICAL SPECIFICATION</b>	
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	<b>REVISION:</b>	A0
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page 4 of 12

- (e) evidence for purchase of the affected module;
- (f) model of the affected module;
- (g) project location;
- (h) other supplementary information required by TALE SUN.

TALESUN will review and evaluate alleged claims after receipt of the claim and full information as stipulated herein. If TALE SUN at its sole discretion considers it necessary, TALE SUN can request the module be shipped back to TALE SUN's factory or 3rd-party for testing, in which case, TALE SUN will provide the customer with a Return Merchandise Authorization ("RMA"). In the event the Customer fails to notify TALE SUN and provide the relevant information of (a)-(h) as described above within the time required by TALE SUN or fail to coordinate TALE SUN arrange the defected modules transfer under necessary circumstances, TALE SUN is entitled to refuse to process the relevant claim demand without any liability until the Customer has provided the relevant information as required by TALE SUN.

In the absence of such RMA, any returned module will not be accepted by TALE SUN. In the event the Customer returns the Solar Modules without written agreement of TALE SUN, the risks (including but not limited to damage and loss of the Solar Modules) and expenses related to the Solar Modules shall be borne by the Customer. Subject to the approval of the TALE SUN's technical service department, the necessary and documented shipping costs related to the Limited Product Warranty or the Limited Performance Warranty will be compensated by TALE SUN to the customer.

TALESUN is entitled to decide whether to send a representative to investigate the alleged claims on site and related cost and expenses shall be borne by TALE SUN. In the event that TALE SUN decides to send a representative to the product installation site for verification, the customer shall actively cooperate for such investigation.

If the customer refuses TALE SUN to enter the site for investigation without a proper and appropriate reason, TALE SUN has the right to extend or refuse the claim process until necessary evidence is provided. In case a consensus regarding the cause of any module

 <b>Suzhou Talesun Solar Technologies Co., Ltd.</b>	<b>TECHINICAL SPECIFICATION</b>	
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	<b>REVISION:</b>	A0
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page 5 of 12

defect cannot be reached between TALESUN and the customer, TALESUN has rights to assign authoritative testing facilities, such as TÜV SUD, CQC etc., which should be accepted by both parties to participate in the final settlement. TALESUN will pay for the reasonable costs incurred by such test in advance. All costs shall be borne by the losing party finally, including shipping freight, transportation insurance, and laboratory testing costs etc., except for the lawsuit which should be judged by written judgment. TALESUN reserves the right of final interpretation.

**3. Remedies for Claims**

In the event that the customer claims that the module(s) fails to meet the “Limited Warranty” as described above and TALESUN confirms the cause for such defect lies on the product material or workmanship; or at the request of the client, a mutually-agreed third-party testing was done to reveal that the cause of such defect lies on the material or workmanship, then TALESUN shall, at its sole discretion, either.

1. Repair the defective solar modules. TALESUN shall prepare the repair plan and carry out the repair solution for the defected modules; or
2. Replace the defective modules or provide additional module(s) to make up for the output gap between the guaranteed output and the actual power output of the defective module(s); or
3. Refund the residual value of the defective modules or refund the equivalent value to the output gap between the guaranteed power output and the actual power output of the defective module(s).
  - a. Residual value = current market price (price-per-watt) \* nominal power \* left-over service life/ Limited Performance Warranty period
  - b. Value Equivalent of Output Gap = current market price (price-per-watt) \* (guaranteed power output –actual power output) \* left-over service life / Limited Performance Warranty period.

 <b>Suzhou Talesun Solar Technologies Co., Ltd.</b>	<b>TECHINICAL SPECIFICATION</b>	
<b>TITLE: LIMITED WARRANTY CERTIFICATE FOR TALESUN BC SOLAR PHOTOVOLTAIC MODULES</b>	<b>SPEC. NO.:</b>	TS-ET-208
	<b>REVISION:</b>	AO
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page 6 of 12

Note that the "market price" here refers to the selling price of the product at the time of claim.

**SPECIAL NOTE:**

Unless otherwise agreed by the Parties in written, the repaired module(s) or replacement module(s) will be delivered by TALESUN in accordance with the same Incoterms and destination as the relevant module supply contract. The insurance, freight, customs clearance fees and other reasonable expenses shall be borne in accordance with the Incoterms in the original module supply contract. In the case that the Customer pays for such costs in advance, and expects to contact TALESUN for compensation for such aforesaid costs, the Customer shall provide the invoices to evidence that such costs are incurred from related service providers.

Costs incurred due to dismantling, repacking, installation or reinstallation the module(s) and other related expenses shall be borne by the Customer.

Any repair or replacement of the affected module(s) shall not renew the applicable warranty period. The warranty period for replaced or repaired module(s) is the remainder of the warranty for the affected modules. TALESUN is entitled to deliver similar module(s) at its sole discretion in replacement of the affected module(s) if the affected module(s) is no longer available. The nominal power of the module(s) used to replace the concerned module(s) shall at least equal or over the power wattage of the affected module(s).

Unless instructed by TALESUN or required by law, the Customer shall dispose of out-of-use module (s) in accordance with applicable regulations on electronic waste treatment and disposal at its own cost. If TALESUN decides or is required by law to retrieve these defective modules, the ownership of the relevant module(s) belong to TALESUN.

Unless with written authorization from the Supplier, any replaced module(s) shall not be resold, reworked or reused in any way.

Product limited warranty will be terminated after the residual value is refunded. If the output gap keeps growing after the value equivalent had been compensated, the Customer could apply claim based on the growing value equivalent as well, which means it should

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	<b>REVISION:</b>	AO
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page 7 of 12

exclude the value equivalent of last claim.

The buyer is obliged to cooperate with TALESUN to sign a "Settlement Agreement" so that the remedy plan for any alleged claim can be implemented. The Parties agree that TALESUN is entitled to use this as a precondition for fulfilling the obligations under this "Limited Warranty".

**4. Liability Exemptions**

4.1 In any case, all warranty claims must be received within the warranty period in order for this warranty claim to be valid.

4.2 The “Limited Product Warranty” and “Limited Performance Warranty” does not apply to any one of the following situations:

- When the nameplate and serial number of the module(s) are tampered with, removed or unrecognizable without the written authorization of TALESUN; or
- Module(s) have been installed and powered on the permanent structure, and then removed and reinstalled on different structures; or
- Module(s) have been repaired or modified by personnel who have not received recognition from TALESUN; or
- Module(s) have been installed, used and maintained in a manner that fails to strictly comply with the relevant provisions of TALESUN's installation manual, module technical specification and maintenance manual; or
- Module(s) which have been subject to misuse, abuse, negligence, vandalism or accident; or
- Module(s) which have been subject to power supply failure, power surge, lightning, flood, fire, accidental damage or other events beyond the control of the Supplier directly or indirectly; or
- Module(s) which have been installed on mobile equipment (except for photovoltaic tracking systems clearly agreed by TALESUN) such as vehicles, ships, etc., or offshore

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	<b>REVISION:</b>	AO
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page 8 of 12

facilities (except for preauthorized floating systems or fishery-solar hybrid project); or

- Module(s) which have been subject to system voltage over the rated maximum system voltage or surge; or
- Module(s) which have been installed on unqualified buildings; or
- Module(s) which have been installed near extreme heat or in extreme or volatile environmental conditions, causing the module(s) to corrode, oxidize, or to suffer from chemical materials in the environment; or
- Module(s) which have suffered from chemical materials in the environment; or
- TALESUN has not received the payment for the module(s), whether it is full or partial payment; or
- Module(s) which have been used in a way that infringes on the intellectual property rights of TALESUN or any other third party (including but not limited to patent rights, trademark rights, etc.);

**5. Limitation of Liability**

The "Limited Warranty" referred to herein expressly supersedes and excludes all other express or implied warranties, including but not limited to merchantability or fitness for a particular purpose, usage or application, or other obligations and responsibilities assumed by TALESUN, unless TALESUN expressly recognizes other obligations and responsibilities in a dully signed written document.

The customer understands and agrees that TALESUN shall not be liable for personal injury or property damage, and shall not be liable for other losses or injuries caused by or related to the module(s) (including but not limited to any module defect, or any defect arising from improper use and installation of the module(s)).

TALESUN excludes all liabilities for any collateral, consequential or special damages. Losses caused by module defect, including but not limited to, loss of profit, loss of power, loss of business opportunity, loss of goodwill, increase of the operating cost or loss of income are

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	<b>REVISION:</b>	AO
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page 9 of 12

clearly excluded here. If TALESUN is liable for compensation to the customer, the total amount of compensation shall not exceed the invoice price of the defective module(s) paid by the customer.

This Limited Warranty gives specific legal rights, and the Customer may have other rights which vary from state to state. This Limited Warranty does not affect any additional rights the Customers have under laws in your jurisdiction governing the sale of consumer goods. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the limitations or exclusions in this limited warranty statement may not apply the Customer.

**6. Severability**

If a part, provision or clause of this “Limited Warranty”, or the application thereof to any person or circumstance, is held invalid, void or unenforceable, such holding shall not affect and shall leave all other parts, provisions, clauses or applications of this “Limited Warranty”, and to this end such other parts, provisions, clauses or applications of this “Limited Warranty” shall be treated as severable.

**7. Applicable Law and Dispute Resolution**

Any dispute relating to this “Limited Warranty”, including but not limited to, disputes relating to the survival, validity, breach or termination of the “Limited Warranty”, shall be resolved in accordance with the governing law and jurisdiction written in the Solar Module supply contract. TALESUN reserves the right of final interpretation.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods

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	<b>REVISION:</b>	AO
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page <b>10</b> of 12

repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure

**8. Warranty Transfer**

The Customer can transfer the rights and obligations under this "Limited Warranty" to the subsequent project owner by informing TALE SUN in writing of this transfer of rights, provided that:

1. The module(s) remain at the initial installation site without being tempered with; and
2. The purchase price of the module(s) or other payable amounts (such as liquidated damages) are fully paid to the Supplier; and
3. This transfer of rights covers all provisions of this "Limited Warranty"; and
4. The transferee agrees to be bound by all terms of this "Limited Warranty".

If TALE SUN require, the Customer shall, within 15 days upon receipt of the notice from the Supplier, provide reasonable evidence to prove the inheritance of ownership. Otherwise, TALE SUN shall have the right to refuse to process the relevant claim and shall not be liable for it.

The rights of this "Limited Warranty" shall only be transferred if above mentioned requirements are fully met, otherwise such transfer shall not be binding upon on TALE SUN, and TALE SUN has the right to refuse to process the relevant demand for claims without any liability.

**9. Force Majeure**

Force Majeure refers to unforeseeable, unavoidable and insurmountable objective conditions in practice, including but not limited to war, riot, strike, epidemic, quarantine, traffic control and other social events; and earthquake, fire, flood, blizzard, hurricane, lightning, natural disaster and other natural disaster; or due to lack of adequate or adequate

 <b>Suzhou Talesun Solar Technologies Co., Ltd.</b>	<b>TECHINICAL SPECIFICATION</b>	
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	<b>REVISION:</b>	AO
	<b>EFFECTIVE DATE:</b>	<b>09-2025</b>
		Page <b>11</b> of 12

labor force, shortage of raw materials or inability to produce capacity, technology or output, or delay not caused by either Party due to delay of construction period due to approval delay of non-municipal supporting facilities; or the delay caused by national laws, regulations, administrative rules or orders and any unforeseeable events beyond the control of TALESUN.

Upon occurrence of Force Majeure or its continuing, in sales or defective product warranty claim, TALESUN cannot fulfill or delay in performance of its obligations under this “Limited Warranty”, TALESUN shall be free of any liability to the loss or damages incurred therefrom, but TALESUN shall promptly notify the Customer regard to the Force Majeure, and shall negotiate with the Customer in time to take necessary measurements to minimize the impact of the Force Majeure.

**10. Validity**

This limited warranty for solar photovoltaic modules applies to all modules listed as Class "A" in the contract signed with TALESUN.

The Limited Warranty does not cover the relevant transportation costs of Module return and reshipment due to repair or replacement, nor the cost of installation, disassembly or reinstallation of such Modules.

Any dispute arising from the warranty claim shall be subject to the agreement signed by both parties or the testing agency agreed upon by both parties to make the final decision. Unless otherwise stipulated in the verdict, all costs shall be borne by the losing party. The ultimate option of the aforementioned institutions belongs to TALESUN.

Note: If this warranty statement is available in multiple language versions, in the case of inconsistent understanding, the English version shall prevail.



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Page 12 of 12

**Manufacturer:**

Suzhou Talesun Solar Technologies Co., Ltd.

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