



CIPRO-TM9C72M

635 - 665W

Dual Glass

- Partial Shading Optimisation
- Better Temperature Coefficient
- High Temperature Restriction
- Micro-crack Resistance
- More Aesthetic Values

15

15-year Warranty for Materials and Processing

30

30-year Warranty for ExtraLinear Power Output

The "30-year warranty for extra linear power output" only applies to the front side of modules. 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/m², cell temperature 25 C.

IEC 61215:2021 / IEC 61730:2023

ISO 9001: 2015 Quality Management System

ISO 14001: 2015 Environment Management System

ISO 45001: 2018 Occupational Health and Safety Management Systems



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2025_12_05_AU

665W

Output

24.6%

Efficiency

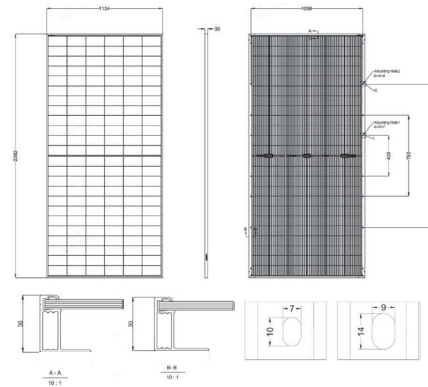
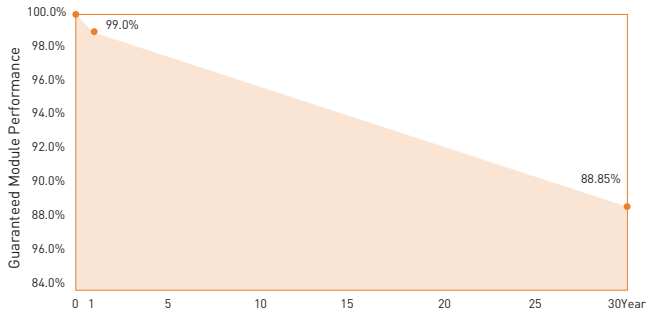
≤ 1%

First-year Degradation

≤ 0.35%

Annual Degradation from Year 2-30

30 - year Linear Performance Warranty



Tolerance

L: ±2mm

W: ±2mm

Unit: mm

Electrical Characteristics

Test Conditions	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Pmax[W]	635	690	640	695	645	700	650	705	655	710	660	715	665	720
Voc[V]	53.70	53.70	53.80	53.80	53.90	53.90	54.00	54.00	54.10	54.10	54.20	54.20	54.30	54.30
Vmp[V]	45.00	45.00	45.10	45.10	45.20	45.20	45.30	45.30	45.40	45.40	45.50	45.50	45.60	45.60
Isc[A]	14.88	16.13	14.94	16.21	15.00	16.29	15.06	16.37	15.12	16.45	15.18	16.53	15.24	16.61
Imp[A]	14.12	15.34	14.20	15.42	14.27	15.49	14.35	15.57	14.43	15.64	14.51	15.71	14.59	15.79
BSI [Isc]	17.72		17.80		17.88		17.96		18.04		18.12		18.20	
Module Efficiency	23.5%		23.7%		23.9%		24.1%		24.2%		24.4%		24.6%	

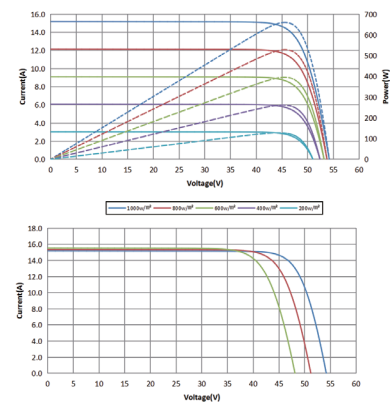
STC: Irradiance 1000W/m², Spectra at AM1.5, Module Temperature 25°C. Power output tolerance: 0~+5W. Test uncertainty for Pmax: ±3%
 Tolerance of rating at BNPI (Pmp / Isc / Voc): ±3% / ±3% / ±3%. BNPI: front-side irradiance 1000W/m², rear-side irradiance 135W/m², cell temperature (Tc) 25°C.
 BSI: front-side irradiance 1000W/m², rear-side irradiance 300W/m²

Product Specification

Cell Type	BC (Back Contact Cell)
Glass	Dual glass, 2.0+2.0mm Heat Strengthened Glass
Frame	Anodized aluminum
Cable	TüV 1×4mm, (+)300mm, (-)200mm or Customized Length
No. of Cells	144 (6×24)
Junction Box	IP68, 3 bypass diodes
Connector	MC4 Compatible Staubli(PV-KST4-EVO2/XY_UR,PV-KBT4-EVO2/XY_UR; PV-KST4-EVO2A/XY,PV-KBT4-EVO2A/XY)
Weight	33.5kg (73.85lbs)
Dimension	2382×1134×30mm
Package Detail	36 pcs per pallet / 720 pcs per 40' HC

Temperature Ratings (STC)

Temperature Coefficient of Isc	+ 0.05%/°C
Temperature Coefficient of Voc	- 0.22%/°C
Temperature Coefficient of Pmx	- 0.26%/°C

Electrical Performance**Installation Guide**

Level T ₉₈ < 70 °C	-40°C ~ +70°C [☆]
Maximum Series Fuse Rating	30A
Protection Class	Class II
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V
Test Mechanical load*	Front side +5400Pa, Back side -2400Pa
Hail Test	25 mm diameter hail at 23 m/s
Fire Rating	IEC Class A
Refer. Bifaciality Factor	φVoc: 100±5%, φIsc: 70±5%, φPmax: 70±5%

*Note: Test Mechanical Load = 1.5 (Safety factor) x Design load

[☆]Short-term operation at 85°C is permitted;
 operation at higher temperatures requires compliance with IEC TS 63126 testing.



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