



CIPRO-TN9C72M(H)

640 - 670W

Single Glass

- Partial Shading Optimisation
- Better Temperature Coefficient
- High Temperature Restriction
- Micro-crack Resistance
- More Aesthetic Values
- Excellent Anti-LID & Anti-PID Performance

15

15-year Warranty for Materials and Processing

30

30-year Warranty for ExtraLinear Power Output

IEC 61215 / IEC 61730

ISO 9001: 2015 Quality Management System

ISO 14001: 2015 Environment Management System

ISO 45001: 2018 Occupational Health and Safety Management Systems



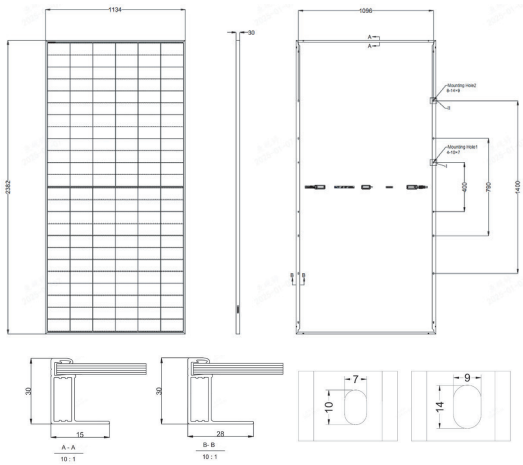
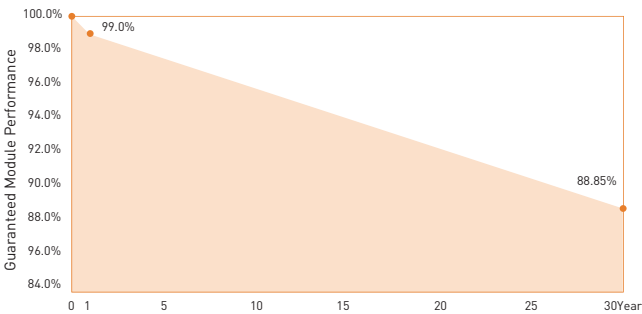
670W
Output

24.8%
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			(STC: AM1.5 1000W/m² 25 °C NOCT: AM1.5 800W/m² 20 °C 1m/s)										Power Tolerance:0~+3%		
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Pmax[W]	640	482	645	486	650	490	655	493	660	497	665	501	670	505	
Vov[V]	54.20	51.18	54.30	51.28	54.40	51.37	54.50	51.47	54.60	51.56	54.70	51.66	54.80	51.75	
Vmp[V]	44.90	42.40	45.00	42.50	45.10	42.59	45.20	42.69	45.30	42.78	45.40	42.87	45.50	42.97	
Isc[A]	15.00	12.13	15.06	12.18	15.12	12.23	15.18	12.28	15.24	12.32	15.30	12.37	15.36	12.42	
Imp[A]	14.26	11.38	14.34	11.44	14.42	11.51	14.50	11.57	14.57	11.63	14.65	11.69	14.73	11.76	
Module Efficiency	23.7%		23.9%		24.1%		24.2%		24.4%		24.6%		24.8%		

Product Specification	
Cell Type	N-Type TBC
Glass	3.2 mm tempered 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/MC4-Evo2
Weight	28.1kg (61.95lbs)
Dimension	2382×1134×30mm
Package Detail	148 pcs per 20' GP, 740 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

Installation Guide	
Operation Temperature	-40 °C ~ +85 °C
Maximum Series Fuse Rating	25A
Protection Class	ClassII
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V
Maximum Static Loading	Front 5400Pa Back 2400Pa
Hail Test	25 mm diameter hail at 23 m/s
Fire Rating	IEC Class C

