



CIPRO-TN9C30M(S2)

120-140W

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

10

10-year Warranty for Materials and Processing

15

15-year Warranty for ExtraLinear Power Output

IEC 61215 / IEC 61730 / UL61730

ISO 9001: 2015 Quality Management System

ISO 14001: 2015 Environment Management System

ISO 45001: 2018 Occupational Health and Safety Management Systems



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
Pmax[W]	120	90	125	94	130	99	135	103	140	106
Voc[V]	22.08	20.80	22.11	20.90	22.14	20.90	22.17	20.90	22.27	21.00
Vmp[V]	19.41	17.50	19.44	17.50	19.47	17.60	19.50	17.80	19.60	17.90
Isc[A]	7.38	5.95	7.45	6.00	7.55	6.08	7.65	6.16	7.75	6.24
Imp[A]	6.18	5.17	6.43	5.54	6.68	5.65	6.92	5.76	7.14	5.92
Module Efficiency	20.36%		21.21%		22.06%		22.91%		23.76%	

Installation Guide

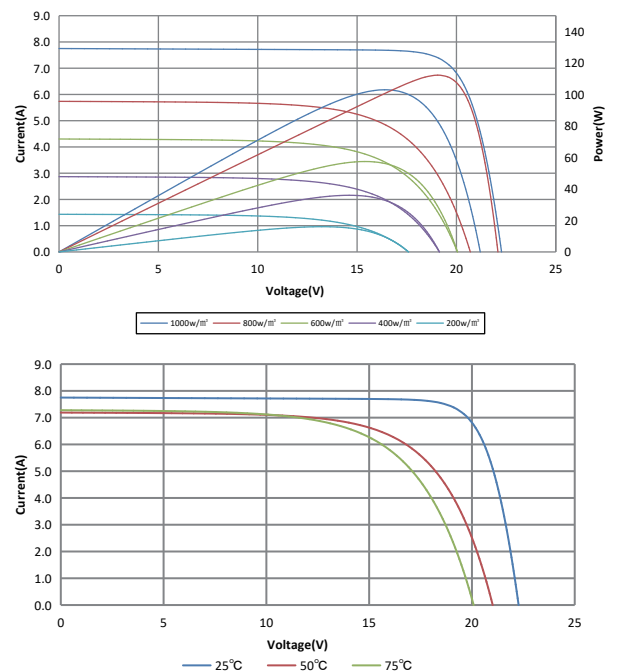
Operation Temperature	-40 °C ~ +85 °C
Maximum Series Fuse Rating	15A
Protection Class	Class II
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V
Maximum Static Loading	Front 5400Pa Back 2400Pa
Hail Test	25 mm diameter hail at 23 m/s
Fire Rating	IEC Class C

Temperature Ratings (STC)

Temperature Coefficient of Isc	+ 0.05%/ °C
Temperature Coefficient of Voc	- 0.20%/ °C
Temperature Coefficient of Pmx	- 0.26%/ °C

Product Specification

Cell Type	N-Type TBC
Glass	3.2mm AR coating tempered glass
Frame	Anodized aluminum
Cable	4mm ² (IEC), 12AWG(UL) 600mm or Customized Length
No. of Cells	30 (3×10)
Junction Box	IP68, 2 bypass diodes
Connector	MC4 Compatible
Weight	7.5kg (16.53lbs)
Dimension	1016×580×30mm
Package Detail	30 pcs per pallet / 1890 pcs per 40' HC

I-V CURVE**TECHNICAL DRAWINGS**