

TECHNICAL SPECIFICATION

Electrical Characteristics At Stc

Maximum Power (Pmax)	165W	180W	370W	375W	380W	385W	390W	395W	400W
Open Circuit Voltage (VOC)	21.82V	23.80V	48.0V	48.2V	48.4V	48.6V	48.8V	49.0V	49.2V
Short Circuit Current (ISC)	9.80A	9.77A	9.85A	9.92A	9.99A	10.06A	10.13A	10.20A	10.27A
Voltage at Maximum Power (Vmp)	18.65V	19.40V	39.4V	39.6V	39.8V	40.0V	40.2V	40.4V	40.6V
Current at Maximum Power (Imp)	9.42A	9.28A	9.40A	9.47A	9.55A	9.63A	9.71A	9.78A	9.86A
Module Efficiency (%)	18.65	18	18.52	18.71	19.01	19.26	19.52	19.76	20.02
Operating Temperature	-40°C to +85°C								
Maximum System Voltage	1000V DC/1500V DC								
Fire Resistance Rating	Type 1(in accordance with UL 1703)/Class C(IEC 61730)								
Maximum Series Fuse Rating	15A				20A				

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

Mechanical Characteristics

Cell type	Mono PERC
Number of cells	72 (6x12)
Module dimensions	1995x1002x40mm
Weight	22kg (48.5lbs)
Front cover	3.2mm (0.13inches) tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP 67, IP 68, 3 diodes
Cable	4mm ² , 1200mm
Connector	Mc4 or MC4 compatible

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficients of Pmax	-0.38%/°C
Temperature Coefficients of VOC	-0.29%/°C
Temperature Coefficients of ISC	0.052%/°C

Packaging

Standard packaging	165W-180W(3in1)	370W-400W(2in1)
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Note :-

- The specifications included in this datasheet are subject to change without Notice.
- The electrical data given here is for reference purpose only.
- Please confirm your exact requirements with the sales representative while placing your order.

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