

SDHYPER

"Make Difference, Make Better."

POLY

310-350w

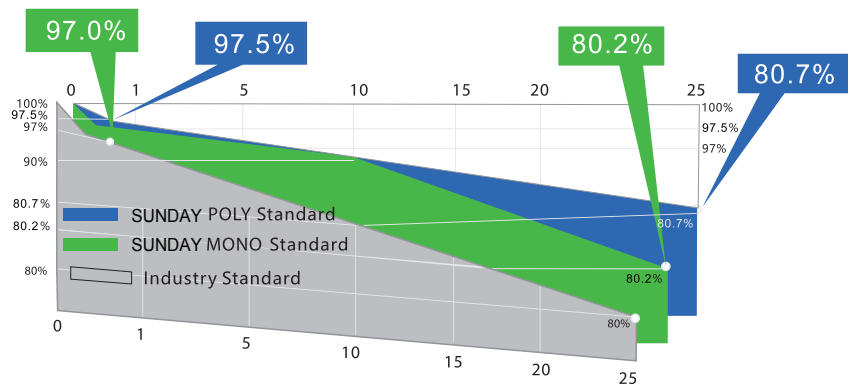
Sunday Energy 5BB Poly Modules

Assembled with the advanced 5busbar-cell technology offer advantages of higher power output, reduced series resistance loss and lower risk of hotspot. In order to meet the customers' requirements of best quality and efficiency.

72 cells



LINEAR PERFORMANCE WARRANTY



5BB 5BB cell design
Smaller electric current, less CTM loss
Lower risk of hot spot



ISO9001:2015&ISO14001
management systems



IEC61215 & IEC61730
standard quality



Wind load up to 3800Pa
Snow load up to 5400Pa



+6W 0-6W positive power sorting



Stable performance under
weak light conditions



25-year power warranty
10-year product warranty



PICC RoHS

POLY 310W-350W 72 cells

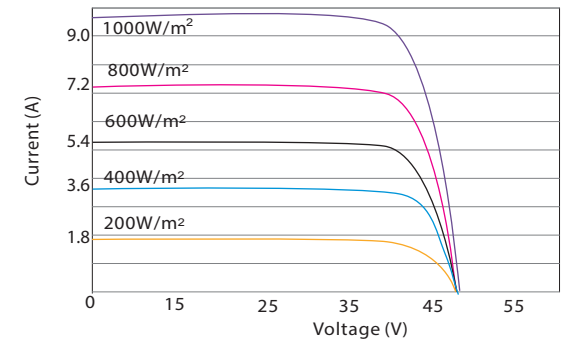
ELECTRICAL PARAMETERS

Model Type	SDP-310	SDP-315	SDP-320	SDP-325	SDP-330	SDP-340	SDP-345	SDP-350
Nominal Maximum Power (Pmax)	310W	315W	320W	325W	330W	340W	345W	350W
Optimum Operating Voltage (Vmp)	37.94V	38.23V	38.60V	38.70V	38.80V	38.97V	39.08V	39.19V
Optimum Operating Current (Imp)	8.18A	8.24A	8.30A	8.40A	8.51A	8.72A	8.83A	8.93A
Open Circuit Voltage (Voc)	45.07V	45.43V	45.72V	45.72V	45.80V	45.99V	46.12V	46.25V
Short Circuit Current (Isc)	8.72A	8.78A	8.84A	8.88A	9.00A	9.47A	9.59A	9.70A
Module Efficiency	16.00%	16.30%	16.58%	16.70%	17.00%	17.52%	17.78%	18.04%
Power Tolerance	0 to + 6W							
Maximum System Voltage	DC 1500V							
Operating Temperature	-40 C ~ +85 C							
Maximum Series Fuse Rating	30A							
Number of Bypass Diode	3							

ELECTRICAL CHARACTERISTICS

(SDP-350)

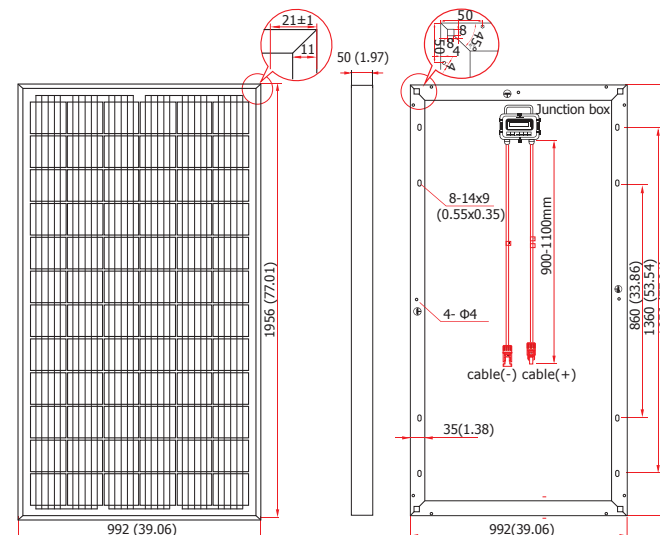
Current-Voltage Characteristic (I-V Curve)



MECHANICAL DATA

Cell Type	156.75mm x 156.75mm
Cell Arrangement	72 cells in series
Dimensions	1956 x 992 x 40 mm
weight	22.00kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67/IP68, 3 diodes
Cable	4mm ² (IEC) / 12AWG (UL), 1000mm (650mm is optional)
Connectors	MC4 or MC4 compatible

PHYSICAL CHARACTERISTICS Unit: mm (inch)



TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.380% / °C
Temperature Coefficient (Voc)	-0.310% / °C
Temperature Coefficient (Isc)	0.05% / °C
Norminal operatigCell Temperatue	45.3 ± 2 °C

Note: Due to continuous technical innovation, R&D and creation, technical data above mentioned may be of modification timely, Sunday Energy has the own right to make such modification at anytime without future notice.

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