

SDHYPER

"Make Difference, Make Better."

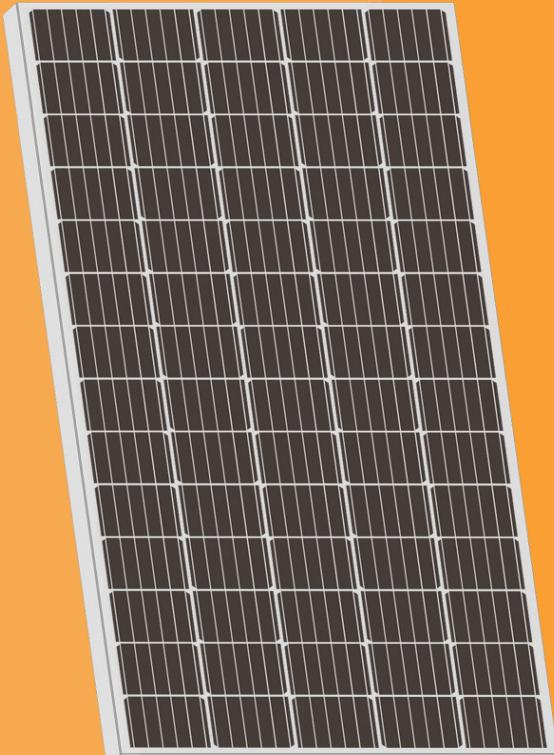
MONO

360-380w

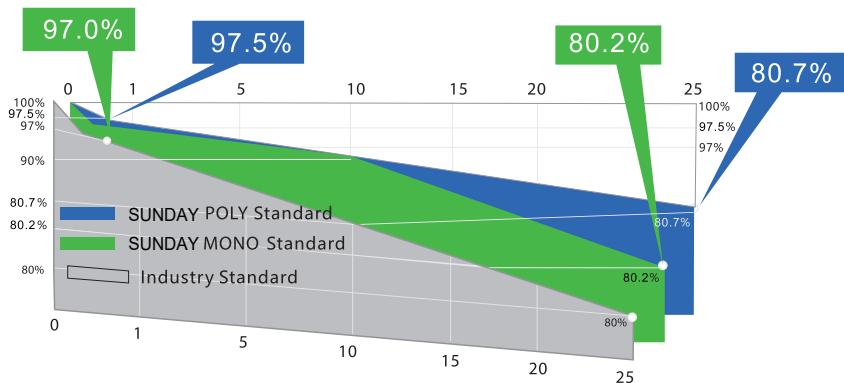
Sunday Energy 9BB Mono Modules

Assembled with the advanced 9busbar-cell technology offer advantages of higher power output , reduced serieses resistance loss and lower risk of hotspot .In order to meet the customers' requirements of best quality and efficiency.

9BB cells



LINEAR PERFORMANCE WARRANTY



9BB 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



0-6W positive power sorting



Stable performance under weak light conditions



25-year power warranty
10-year product warranty



MONO 360W-380W 9BB cells

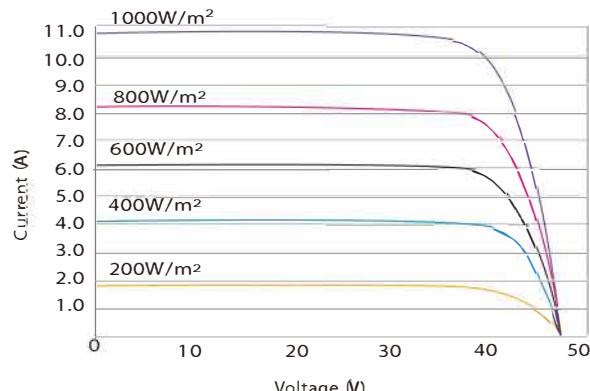
ELECTRICAL PARAMETERS

Model Type	SDM-360	SDM-365	SDM-370	SDM-375	SDM-380
Nominal Maximum Power (Pmax)	360w	365w	370w	375w	380w
Optimum Operating Voltage (Vmp)	41.96V	42.25V	42.43V	42.52V	42.60V
Optimum Operating Current (Imp)	8.58A	8.64A	8.73A	8.82A	8.93A
Open Circuit Voltage (Voc)	50.35V	50.69V	50.92V	51.02V	51.12V
Short Circuit Current (Isc)	9.27A	9.33A	9.42A	9.53A	9.64A
Module Efficiency	21.9%	22.1%	22.4%	22.8%	23.1%
Power Tolerance			0 to +5W		
Maximum System Voltage			DC 1500V		
Operating Temperature			-40°C ~ +85°C		
Maximum Series Fuse Rating			20A		
Number of Bypass Diode			3		

ELECTRICAL CHARACTERISTICS

SDM-380

Current-Voltage Characteristic (I-V Curve)



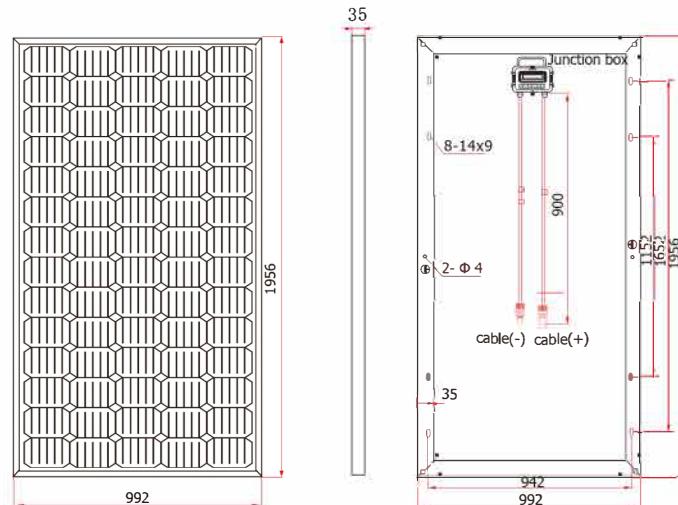
MECHANICAL DATA

Cell Type	182mm*130mm
Cell Arrangement	70 cells in series
Dimensions	1956 x 992 x 35 mm
weight	22kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67/IP68, 3 diodes
Cable	4mm ² (IEC) / 12AWG (UL), 900 (650 is optional)
Connectors	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.370% / C
Temperature Coefficient (Voc)	-0.290% / C
Temperature Coefficient (Isc)	0.05% / C
Normal operating Cell Temperature	45.3 ±2 / C

PHYSICAL CHARACTERISTICS Unit: mm (inch)



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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