

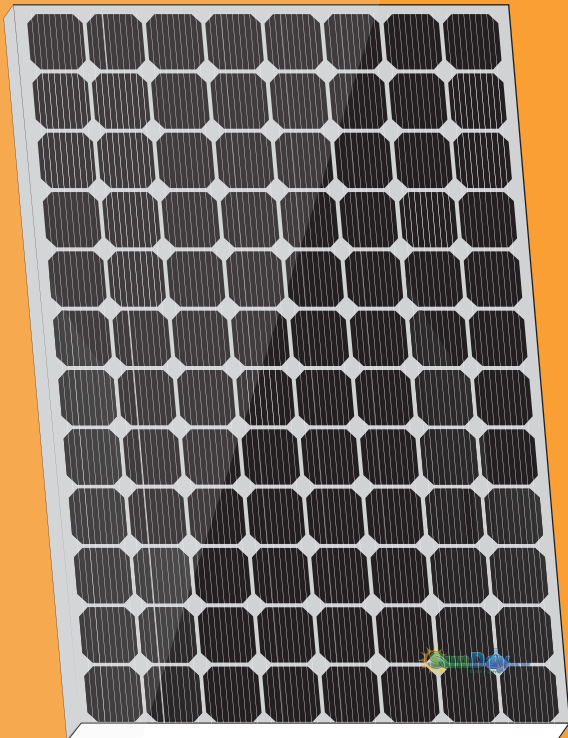
SDHYPER

"Make Difference, Make Better."

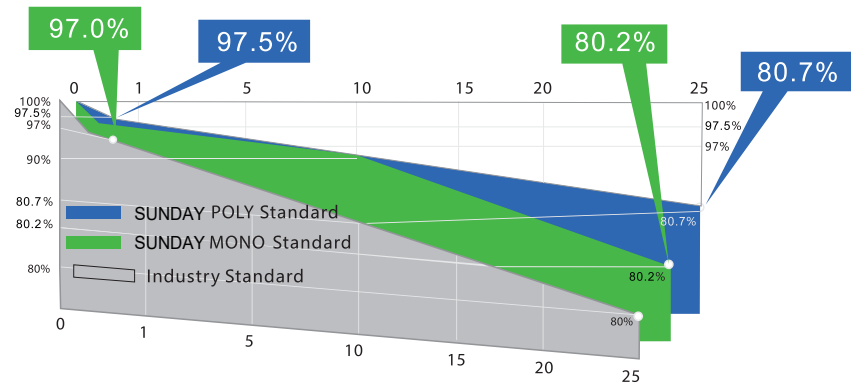
MONO 800-840w

Sunday Energy 9BB Mono Modules
Assembled with the advanced 9busbar-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.

9BB 210cells



LINEAR PERFORMANCE WARRANTY



- 
9BB 9BB cell design
Smaller electric current, less CTM loss
Lower risk of hot spot
- 
ISO9001:2015&ISO14001
management systems
- 
IEC IEC61215 & IEC61730
standard quality
- 
Wind load up to 3800Pa
Snow load up to 5400Pa
- 
+6W 0-6W positive power sorting
- 
Stable performance under weaklight conditions
- 
10-year 25-year 25-year power warranty
10-year product warranty

210 BIG CELL MONO 800W-840W 9BB

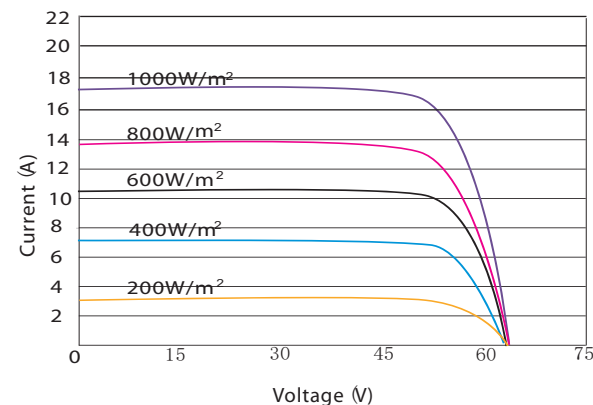


ELECTRICAL PARAMETERS

Model Type	SDM-800	SDM-810	SDM-820	SDM-830	SDM-840
Nominal Maximum Power (Pmax)	800W	810W	820W	830W	840W
Optimum Operating Voltage (Vmp)	51.02V	51.38V	51.77V	52.18V	52.59V
Optimum Operating Current (Imp)	15.68A	15.77A	15.84A	15.90A	15.97A
Open Circuit Voltage (Voc)	61.44V	61.69V	61.86V	62.05V	62.27V
Short Circuit Current (Isc)	16.71A	16.80A	16.91A	17.00A	17.10A
Module Efficiency	17.85%	18.07%	18.30%	18.52%	18.75%
Power Tolerance			0 to +6W		
Maximum System Voltage			DC 1500V		
Operating Temperature			-40C ~+85 C		
Maximum Series Fuse Rating			30A		
Number of Bypass Diode			4		

ELECTRICAL CHARACTERISTICS

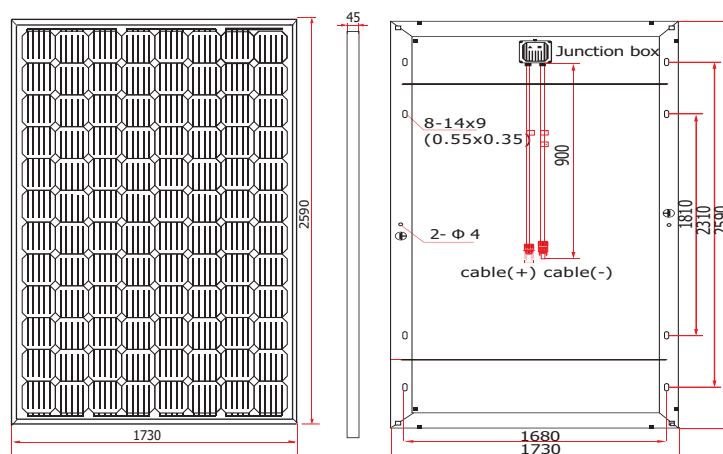
(SDM-840)
Current-Voltage Characteristic (I-V Curve)



MECHANICAL DATA

Cell Type	210mm x 210mm
Cell Arrangement	96 cells in series
Dimensions	2590 x 1730 x 45 mm (With bar fixed in the middle)
weight	53.4kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67/IP68, 4 diodes
Cable	4mm ² (IEC) / 12AWG (UL), 900mm (650mm is optional)
Connectors	MC4 or MC4 compatible

PHYSICAL CHARACTERISTICS Unit: mm (inch)



TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.380% /°C
Temperature Coefficient (Voc)	-0.360% /°C
Temperature Coefficient (Isc)	0.07% /°C
Normal operating Cell Temperature	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.

CHANGZHOU SUNDAY ENERGY CO., LTD.

Tel: +86 0519 6808 1230 Fax: +86 0519 6808 1233

Email: sales@sundayenergy.cn

Website: www.sundayenergy.cn

