

SDHYPER

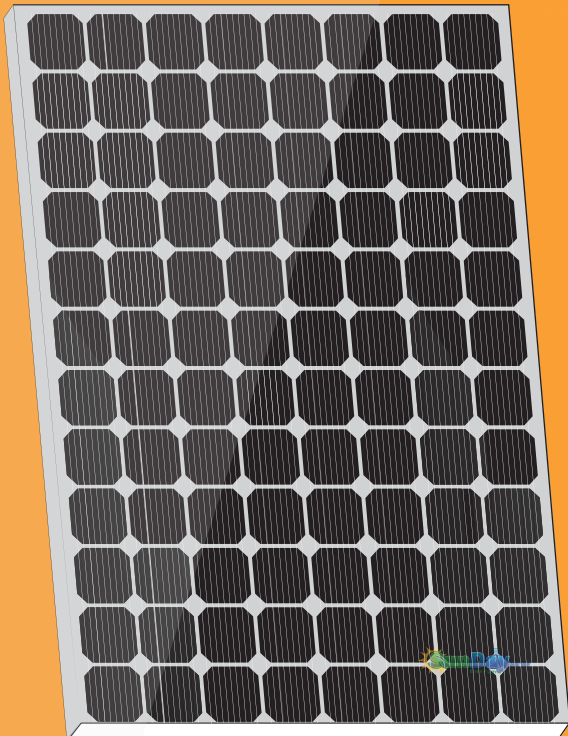
"Make Difference, Make Better."

MONO 850-900w

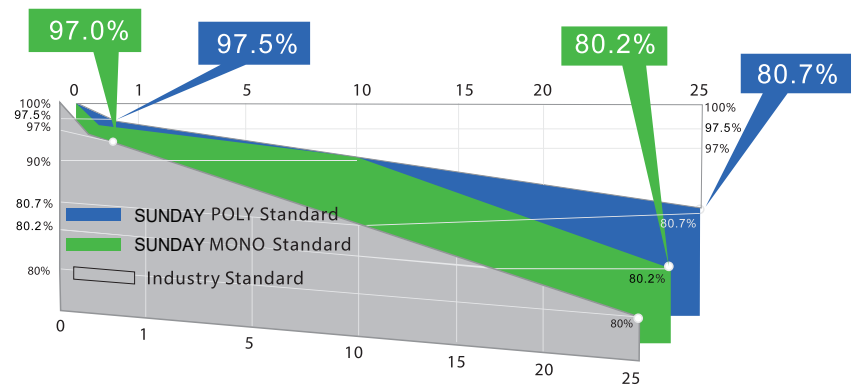
Sunday Energy 9BB Mono Modules

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 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
weaklight conditions



25-year power warranty
10-year product warranty



210 BIG CELL

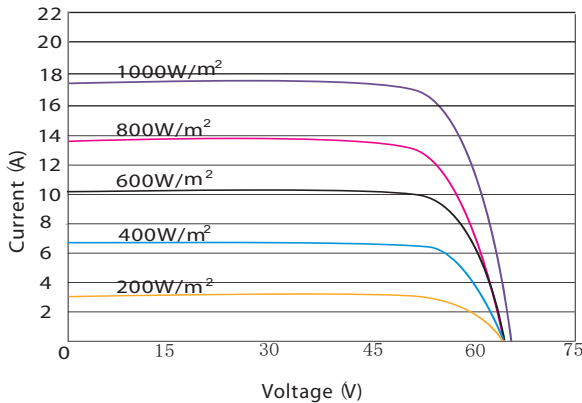
MONO 850W-900W 9BB

ELECTRICAL PARAMETERS

Model Type	SDM-850	SDM-860	SDM-870	SDM-880	SDM-890	SDM-900
Nominal Maximum Power (Pmax)	850W	860W	870W	880W	890W	900W
Optimum Operating Voltage (Vmp)	52.98V	53.38V	53.76V	54.12V	54.53V	54.53V
Optimum Operating Current (Imp)	16.04A	16.11A	16.18A	16.26A	16.33A	16.50A
Open Circuit Voltage (Voc)	62.57V	62.89V	63.08V	63.37V	63.55V	63.74V
Short Circuit Current (Isc)	17.21A	17.33A	17.42A	17.56A	17.60A	17.64A
Module Efficiency	18.97%	19.19%	19.42%	19.64%	19.86%	20.08%
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-900)
Current-Voltage Characteristic (I-V Curve)



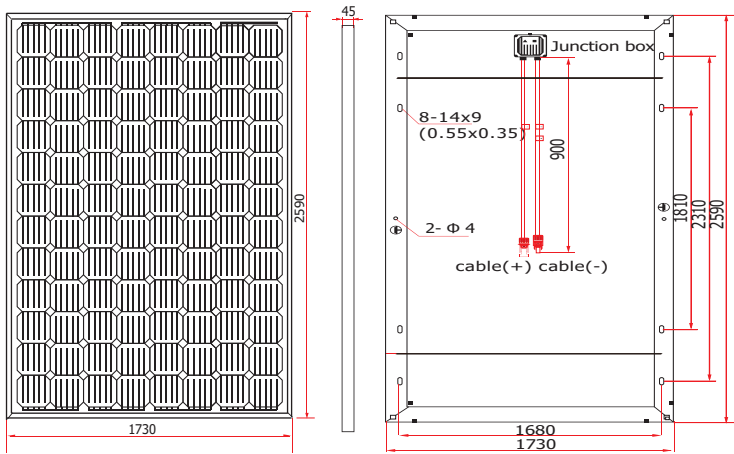
MECHANICAL DATA

Cell Type	210mm x 210mm
Cell Arrangement	96 cells in series
Dimensions	2590 x 1730 x 45 mm(With bar fiexd in the middle)
weight	53.4kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67/IP68, 4 diodes
Cable	4mm² (IEC) / 12AWG (UL),900mm (650mm is optional)
Connectors	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.380% /°C
Temperature Coefficient (Voc)	-0.360% /°C
Temperature Coefficient (Isc)	0.07% /°C
NormalnloperatigCell Temperatue	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 furture notice.

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