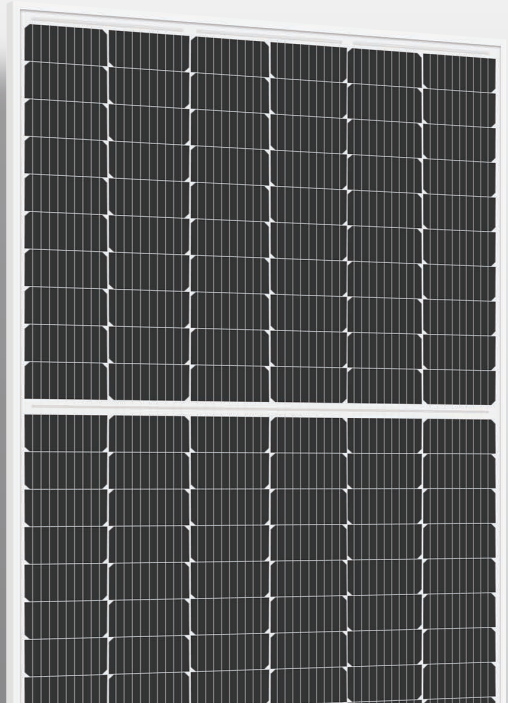
LATEST

SUNRISE



MBB Series

Large Dimension Plus Half Cell Mono Solar Module

SR-M660HLP

355~375W

SR-M660355HLP
SR-M660360HLP
SR-M660365HLP
SR-M660370HLP
SR-M660375HLP

PID Resistance

Better Low-light Performance

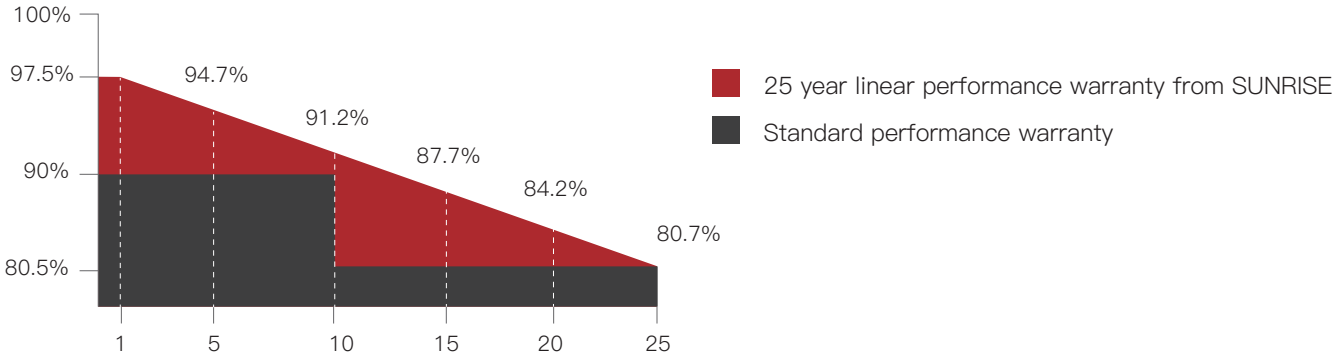
9 Bus Bar Half Cut Cell With PERC Technology

Strengthened Mecnanical Support 5400 Pa Snow Load, 2400 Pa Wind Load

0~3% Positive Tolerance

Higher Power Output

Additional value from SUNRISE linear warranty



SUNRISE ENERGY CO., LTD

TEL:+86-519-81688389 Web:www.sunriseenergy.cn E-mail:info@sunriseenergy.cn

ADD:No.20 Tongzi River West Road, Zhonglou Development Zone, Changzhou, Jiangsu

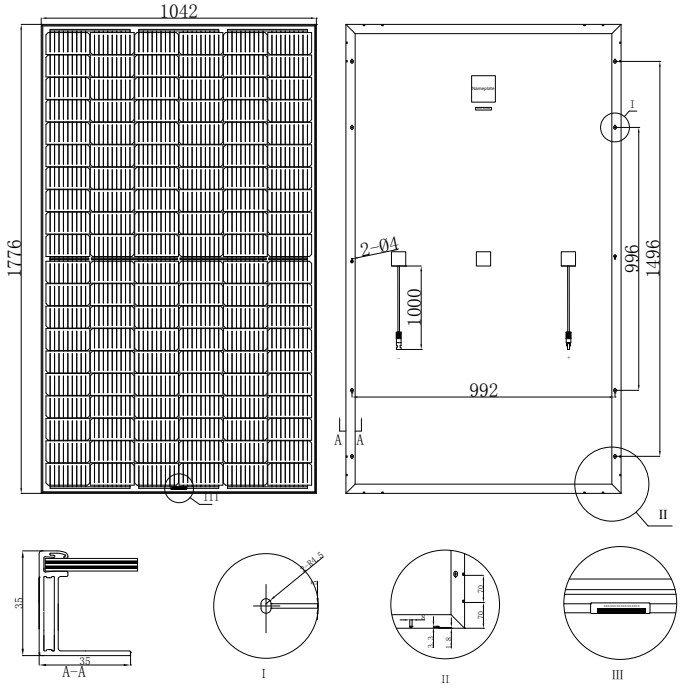
Large Dimension Plus Half Cell(6x20) Mono Solar Module

Module Type		SR-M660355HLP		SR-M660360HLP		SR-M660365HLP		SR-M660370HLP		SR-M660375HLP	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(%)	0~+3		0~+3		0~+3		0~+3		0~+3	
Module Efficiency	(%)	19.19		19.46		19.73		20		20.27	
Maximum Power	Pmax(W)	355	262.89	360	266.59	365	270.29	370	273.99	375	277.69
Open Circuit Voltage	Voc(V)	40.72	37.78	40.92	38.18	41.12	38.38	41.32	38.48	41.56	38.7
Short Circuit Current	Isc(A)	11.12	8.93	11.22	9.01	11.3	9.07	11.39	9.15	11.46	9.21
Maximum Power Voltage	Vm(V)	33.49	30.88	33.69	31.08	33.89	31.28	34.09	31.48	34.29	31.66
Maximum Power Current	Im(A)	10.61	8.48	10.69	8.55	10.78	8.62	10.86	8.69	10.94	8.75
Cell Type	(mm)	166x83(9BB Mono-Crystalline Silicon)									
Number of Cells	(Pcs)	120(6×20)									
Maximum System Voltage	(V)	DC1000									
Temp. Coeff. of Voc	(%/℃)	-0.285									
Temp. Coeff. of Isc	(%/℃)	0.055									
Temp. Coeff. of Pm	(%/℃)	-0.365									
Operating Temperature	℃	-40 to 85									
Nominal Operating Cell Temperature (NOCT)	℃	45±2									
Max. Series Fuse	(A)	15									
Pressure Bearing	(Pa)	5400									
Wind Bearing	(Pa)	2400									

STC: Irradiance 1000W/m^2, Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m^2, Ambient temperature 20°C, Wind speed 1m/s

ENGINEERING DRAWINGS

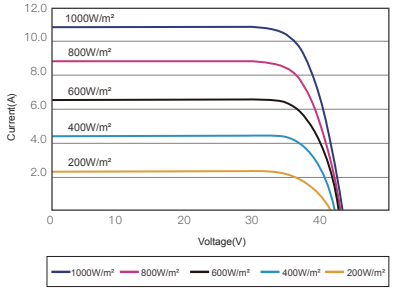


Manufactured in China

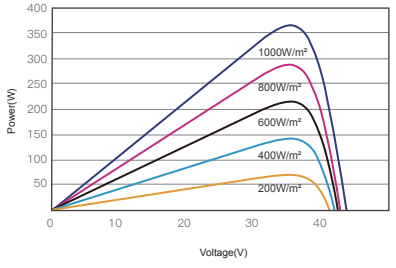
MATERIAL DETAILS

Frame	Anodized aluminum
Glass	3.2mm low-iron tempered suede glass
Cell	6×20pcs 166x83mm mono solar cell
Junction Box	Rated Current≥15A,Ip≥67,TUV&UL
Cable&Connector	4mm^2,MC4 or MC4 compatible

IV CURVES



I-V CURVES OF PV MODULE(365W)



P-V CURVES OF PV MODULE(365W)

PACKING DETAILS

Dimension	(mm)	1776×1042×35
Weight	(kg)	20
Loading Capacity	180 pcs/20'GP	780 pcs/40'HC
Packing	pcs/pallet	30

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