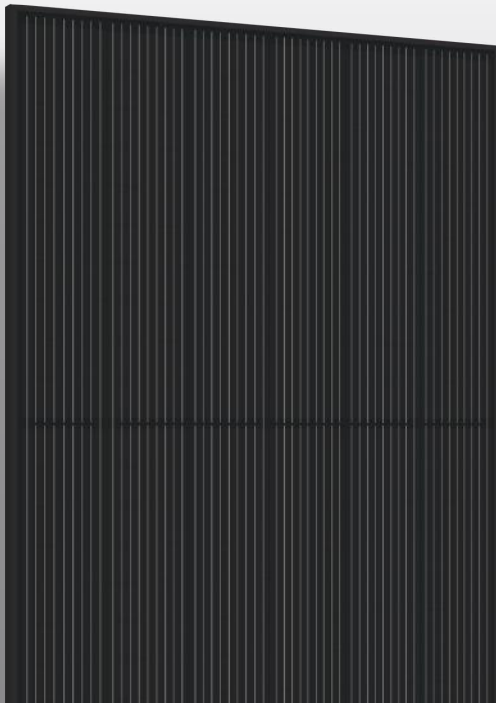


LATEST



### MBB Series

Large Dimension Half Cell Full Black Mono Solar Module

SR-M660HL SR-M660320HL  
SR-M660325HL  
320~330W SR-M660330HL



PID Resistance



Higher Power Output



9 Bus Bar Half Cut Cell With PERC Technology



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

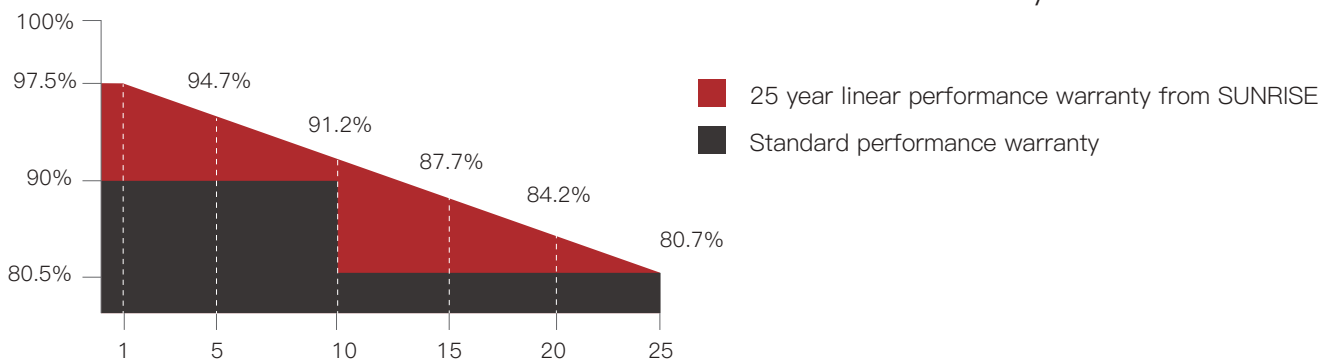


0~3% Positive Tolerance



Combined With The Roof For A Better Visual Appearance

### Additional value from SUNRISE linear warranty



SUNRISE ENERGY CO., LTD

TEL: +86-519-81688389

Web: [www.sunriseenergy.cn](http://www.sunriseenergy.cn)

E-mail: [info@sunriseenergy.cn](mailto:info@sunriseenergy.cn)

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

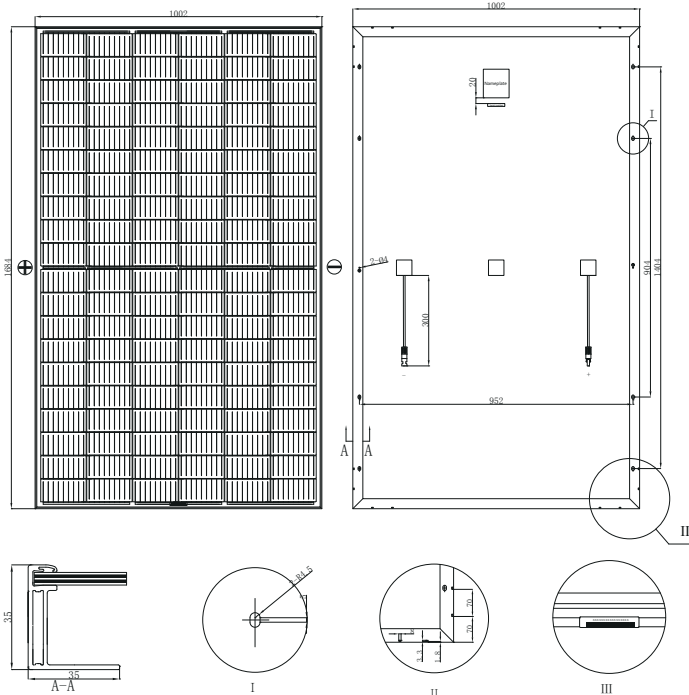


Module Type		SR - M660320HL		SR - M660325HL		SR - M660330HL	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(%)	0~+3		0~+3		0~+3	
Module Efficiency	(%)	18.97		19.27		19.56	
Maximum Power	Pmax(W)	320	239	325	242	330	246
Open Circuit Voltage	Voc(V)	40.95	37.87	41.27	38.15	41.43	38.33
Short Circuit Current	Isc(A)	10.08	8.44	10.17	8.52	10.28	8.63
Maximum Power Voltage	Vm(V)	33.53	31.53	33.74	31.72	33.93	31.91
Maximum Power Current	Im(A)	9.55	7.58	9.64	7.64	9.73	7.73
Cell Type	(mm)	158.75×79.375(9BB Mono-Crystalline Silicon)					
Number of Cells	(Pcs)	120(6×20)					
Maximum System Voltage	(V)	DC1000					
Temp. Coeff. of Voc	(%/°C)	-0.282					
Temp. Coeff. of Isc	(%/°C)	0.041					
Temp. Coeff. of Pm	(%/°C)	-0.387					
Operating Temperature	°C	-40 to 85					
Nominal Operating Cell Temperature (NOCT)	°C	45±2					
Max. Series Fuse	(A)	15					
Pressure Bearing	(Pa)	5400					
Wind Bearing	(Pa)	2400					

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

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

## ENGINEERING DRAWINGS

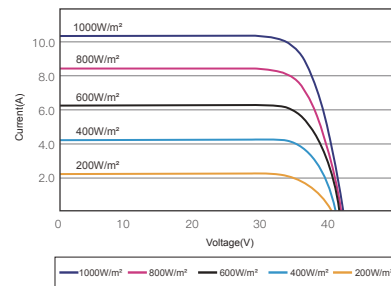


Manufactured in China

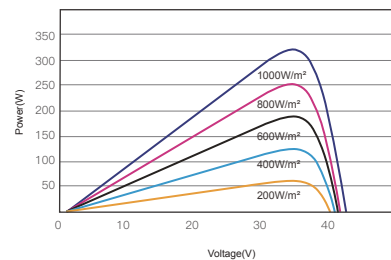
## MATERIAL DETAILS

Frame	Anodized aluminum
Glass	3.2mm low-iron tempered suede glass
Cell	6×20pcs 158.75x79.375mm mono solar cell
Junction Box	Rated Current≥15A, Ip≥67, TUV & UL
Cable&Connector	4mm <sup>2</sup> , MC4 or MC4 compatible

## IV CURVES



I-V CURVES OF PV MODULE(325W)



P-V CURVES OF PV MODULE(325W)

## PACKING DETAILS

Dimension	(mm)	1684×1002×35
Weight	(kg)	19.1
Loading Capacity		348 pcs/20'GP    858 pcs/40'HC
Packing	pcs/pallet	30