

Half Cell Series Mono Module

SR-M660H-Black      SR-M660305H  
 SR-M660310H  
 305~320W      SR-M660315H  
 SR-M660320H



Reduce BOS cost



Half cell technology results the decreasing of electrical resistance



Combined with the roof for a better visual appearance



Withstand wind loads up to 2400Pa and snow loads up to 5400Pa

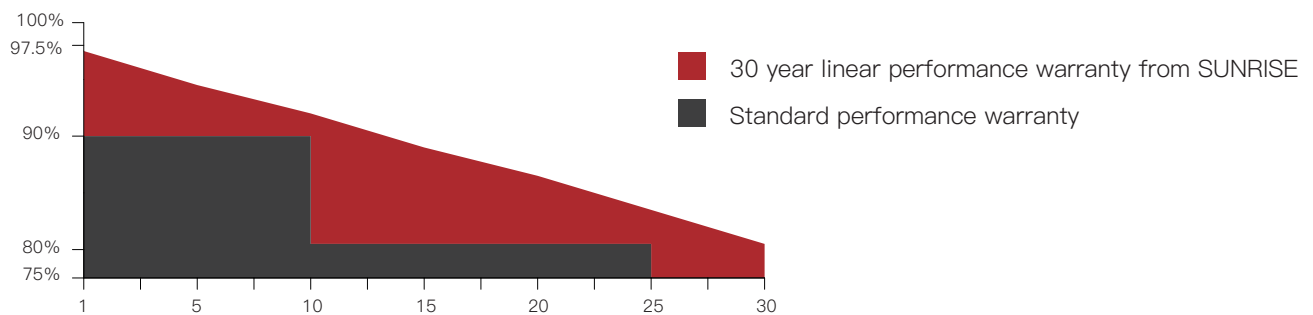


0~3% positive tolerance



PID-free

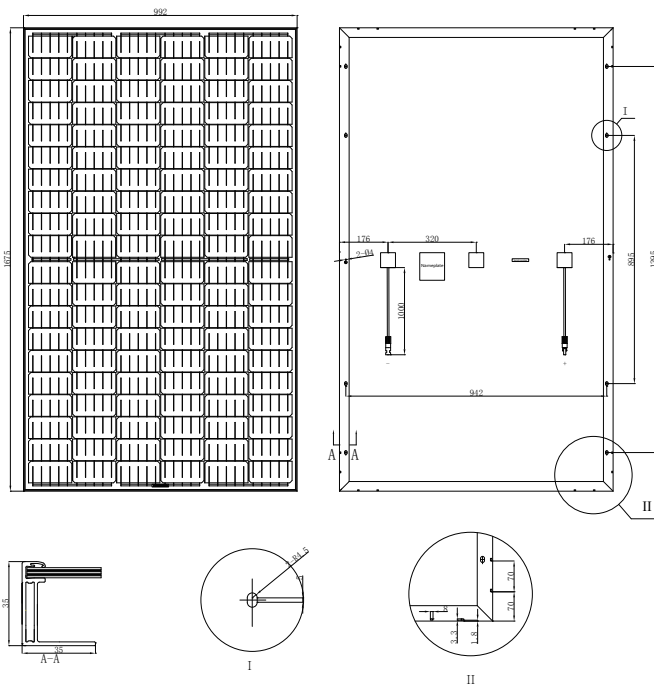
Additional value from SUNRISE linear warranty



Module Type		SR-M660305H		SR-M660310H		SR-M660315H		SR-M660320H	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(%)	0~+3		0~+3		0~+3		0~+3	
Module Efficiency	(%)	18.34		18.64		18.96		19.26	
Maximum Power	P <sub>max</sub> (W)	305	226	310	229	315	232	320	236
Open Circuit Voltage	V <sub>oc</sub> (V)	39.94	37.41	40.42	37.64	40.76	37.95	41.1	38.27
Short Circuit Current	I <sub>sc</sub> (A)	9.83	7.94	9.89	8.01	9.93	8.04	10	8.1
Maximum Power Voltage	V <sub>m</sub> (V)	33.03	30.6	33.32	30.75	33.6	31.01	33.88	31.27
Maximum Power Current	I <sub>m</sub> (A)	9.28	7.44	9.35	7.5	9.38	7.52	9.45	7.58
Cell Type	(mm)	156.75×78.375(Mono-Crystalline Silicon)							
Number of Cells	(Pcs)	120(6×20)							
Maximum System Voltage	(V)	DC1000							
Temp. Coeff. of Voc	(%/°C)	-0.35							
Temp. Coeff. of Isc	(%/°C)	0.05							
Temp. Coeff. of P <sub>m</sub>	(%/°C)	-0.45							
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

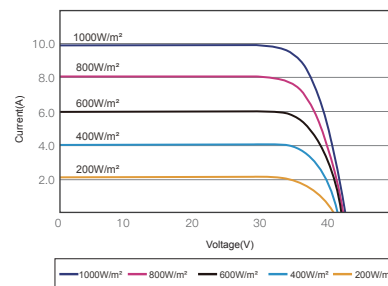


Manufactured in China

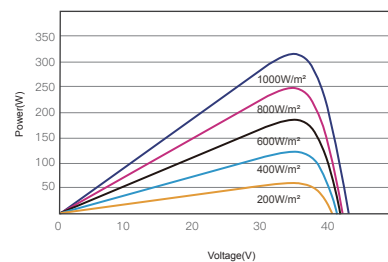
## MATERIAL DETAILS

Frame	Anodized aluminum
Glass	3.2mm low-iron tempered sude glass
Cell	6×20 pcs 156.75x78.375mm mono solar cell
Junction Box	Rated Current ≥15A, I <sub>p</sub> ≥67, TUV & UL
Cable&Connector	4mm <sup>2</sup> , MC4 or MC4 compatible

## IV CURVES



I-V CURVES OF PV MODULE(315W)



P-V CURVES OF PV MODULE(315W)

## PACKING DETAILS

Dimension	(mm)	1675×992×35
Weight	(kg)	19.2
Loading Capacity		360 pcs/20'GP    858 pcs/40'HC
Packing	pcs/pallet	30