Mono Solar Module

SR-M660 285W~315W

SR-M660285 SR-M660305(PERC)
SR-M660290(PERC) SR-M660310(PERC)
SR-M660300(PERC) SR-M660315(PERC)

0-3% 0~3% positive tolerance

3.2mm high transmission, low iron tempered AR glass

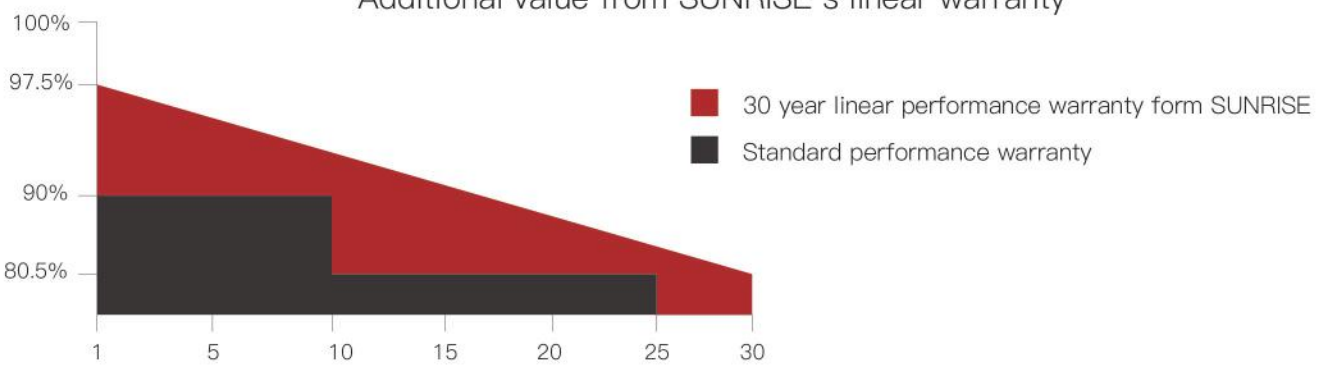
Better performance under low light environment

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

30 YEAR 30 year leading linear performance warranty

PID-free

Additional value from SUNRISE's linear warranty



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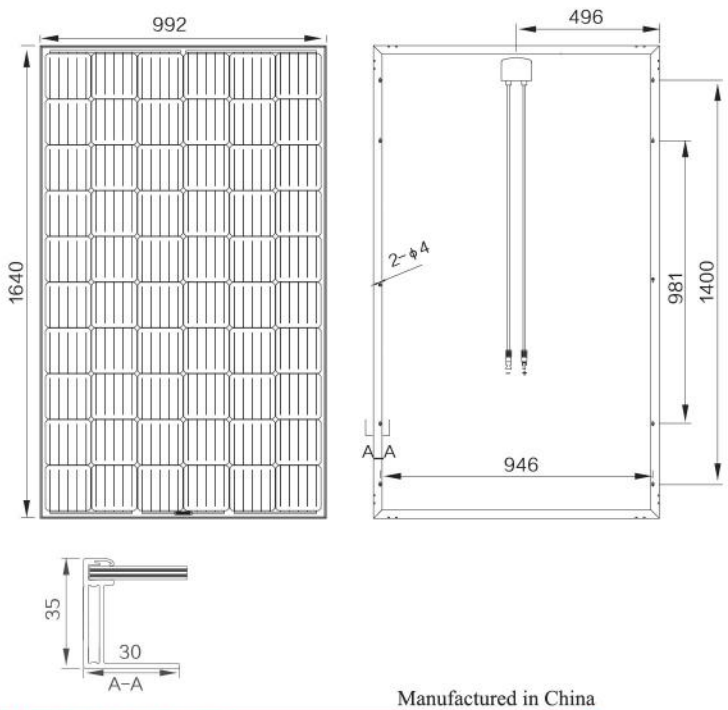
60 Cells Mono Module

Module Type		SR-M660285		SR-M660290 (PERC)		SR-M660300 (PERC)		SR-M660305 (PERC)		SR-M660310 (PERC)		SR-M660315 (PERC)	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(%)	0~+3		0~+3		0~+3		0~+3		0~+3		0~+3	
Module Efficiency	(%)	17.55		17.85		18.47		18.78		19.09		19.4	
Maximum Power	Pmax(W)	285	209.5	290	213.2	300	220.5	305	224.2	310	227.85	315	231.53
Open Circuit Voltage	Voc(V)	38.86	35.7	38.96	35.9	39.13	36.6	39.24	37.02	39.36	37.33	39.46	37.62
Short Circuit Current	Isc(A)	9.59	7.73	9.73	7.82	10.02	7.93	10.16	8.16	10.29	8.26	10.43	8.38
Maximum Power Voltage	Vm(V)	31.42	28.9	31.5	29.1	31.64	29.7	31.73	30.06	31.83	30.25	31.91	30.53
Maximum Power Current	Im(A)	9.08	7.24	9.21	7.32	9.49	7.41	9.62	7.72	9.74	7.81	9.87	7.92
Cell Type	(mm)	156.75x156.75Mono-Crystalline Silicon											
Number of Cells	(Pcs)	60(6×10)											
Maximum System Voltage	(V)	DC1000											
Temp. Coeff. of Voc	(%/℃)	-0.35											
Temp. Coeff. of Isc	(%/℃)	0.05											
Temp. Coeff. of Pm	(%/℃)	-0.45											
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: lrradiance 1000W/m^2, Cell temperature 25°C, AM1.5

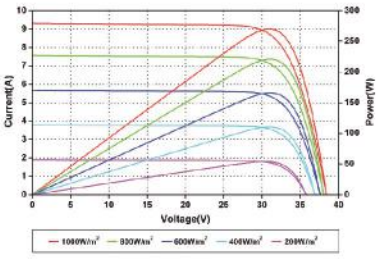
NOCT: Irradiance 800W/m^2, Ambient temperature 20°C, Wind Speed 1m/s

ENGINEERING DRAWINGS

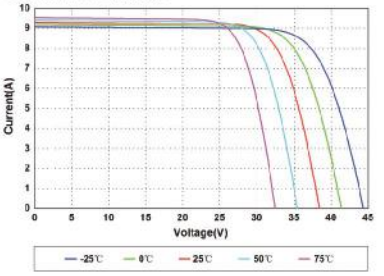


Manufactured in China

IV CURVES



Current-Voltage and Power-Voltage Curves at Different Irradiances



Current-Voltage Curves at Different Temperatures

MATERIAL DETAILS

Frame	Anodized aluminum
Glass	3.2mm low-iron tempered suede glass
Cell	6×10 pcs 156.75mm mono solar cell
Junction Box	Rated Curren ≥15A Ip≥67,TUV & UL
Cable&Connector	4mm^2,MC4orMC4 compatible

PACKING DETAILS

Dimension	(mm)	1640×992×35
Weight	(kg)	18.2
Loading Capacity	360 pcs/20' GP 924 pcs/40' HC	
Packing	pcs/pallet	30

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