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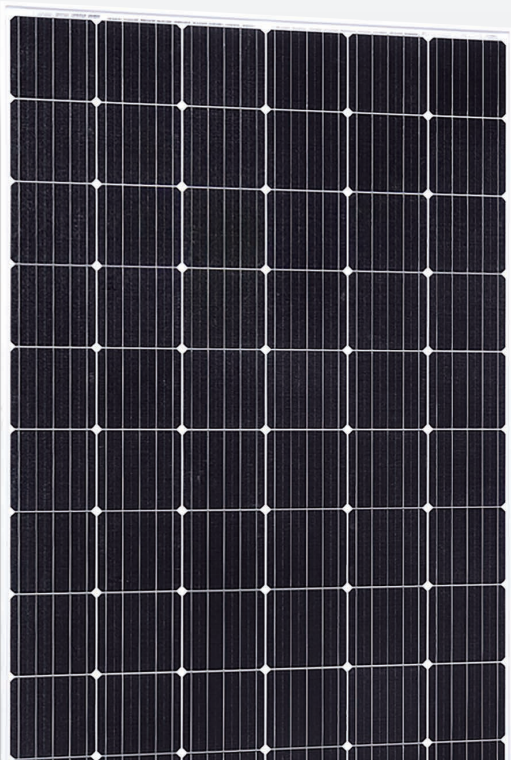
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EnergyPal

Solar Panel Guide Specification Data Sheet

**Sunrise Energy Co., Ltd.
SR-M660 300-315W
SR-M660300 (PERC)**

Also available on the web at
EnergyPal.com/sunrise-energy-co-ltd-solar-panels/sr-m660300-perc



Mono Solar Module

SR-M660

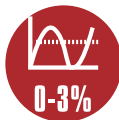
300W~315W

SR-M660300(PERC)

SR-M660305(PERC)

SR-M660310(PERC)

SR-M660315(PERC)



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

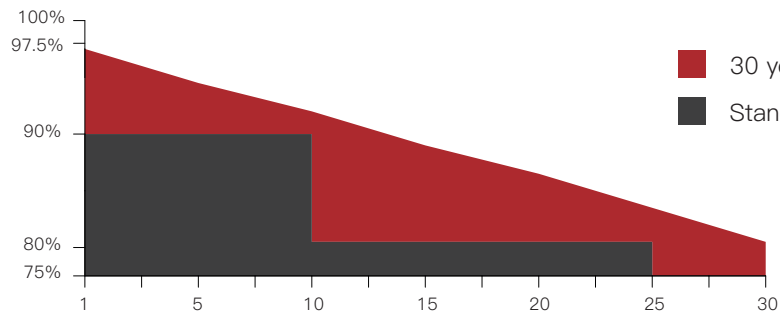


30 year leading linear
performance warranty



PID-free

Additional value from SUNRISE linear warranty



60 Cells Mono Module

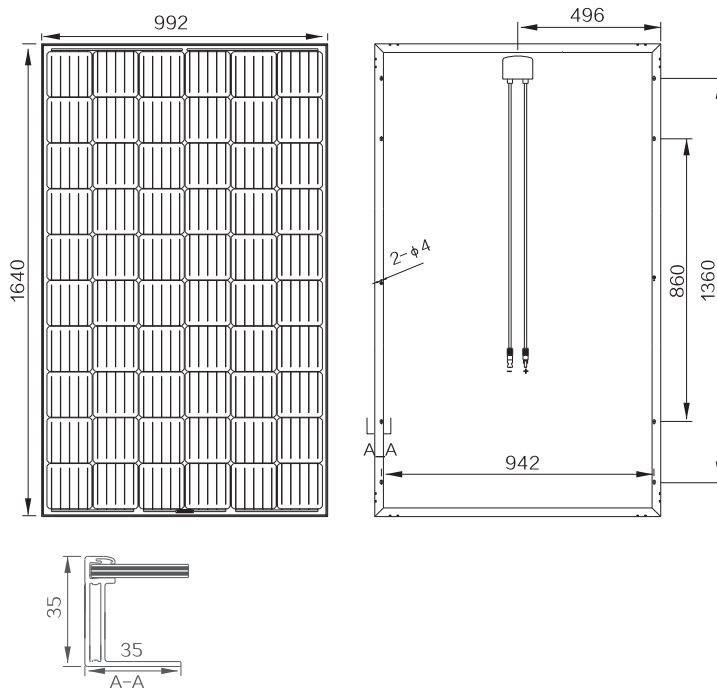


Module Type		SR-M660300 (PERC)		SR-M660305 (PERC)		SR-M660310 (PERC)		SR-M660315 (PERC)	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(%)	0~+3		0~+3		0~+3		0~+3	
Module Efficiency	(%)	18.47		18.78		19.09		19.4	
Maximum Power	P _{max} (W)	300	220.5	305	224.2	310	227.85	315	231.53
Open Circuit Voltage	V _{oc} (V)	39.13	36.6	39.24	37.02	39.36	37.33	39.46	37.62
Short Circuit Current	I _{sc} (A)	10.02	7.93	10.16	8.16	10.29	8.26	10.43	8.38
Maximum Power Voltage	V _m (V)	31.64	29.7	31.73	30.06	31.83	30.25	31.91	30.53
Maximum Power Current	I _m (A)	9.49	7.41	9.62	7.72	9.74	7.81	9.87	7.92
Cell Type	(mm)	156.75x156.75 Mono-Crystalline Silicon							
Number of Cells	(Pcs)	60(6×10)							
Maximum System Voltage	(V)	DC1000							
Temp. Coeff. of Voc	(%/°C)	-0.35							
Temp. Coeff. of Isc	(%/°C)	0.05							
Temp. Coeff. of Pm	(%/°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/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind Speed 1m/s

ENGINEERING DRAWINGS

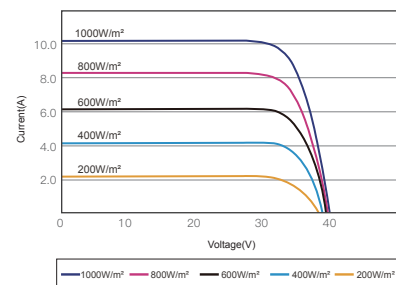


Manufactured in China

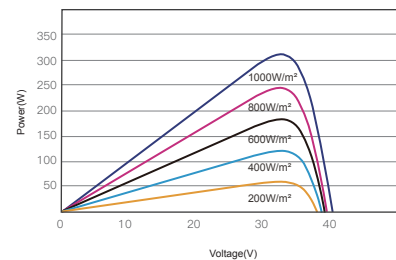
MATERIAL DETAILS

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

IV CURVES



I-V CURVES OF PV MODULE(310W)



P-V CURVES OF PV MODULE(310W)

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