

SR-M3/60H Monocrystalline Module 320-340W



340W

Maximum Power Output

20.2%

Maximum Module Efficiency

0~+5W

Power Output Guarantee

Cell Type



5BB



Ideal choice for large scale ground installation



Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free



Special cutting and soldering technology leads to low hotspot risk



Sand blowing test, salt mist test and ammonia test passed to endure harsh environments



Optimized system performance due to module level current sorting

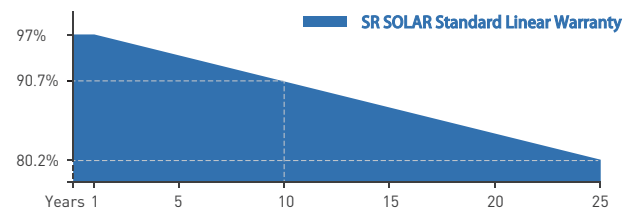


Highly transparent self-cleaning glass brings additional yield and easy maintenance

SR solar Delivers Reliable Performance Over Time

- Outstanding manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Long term reliability tests
- 2*100% EL inspection ensuring defect-free modules

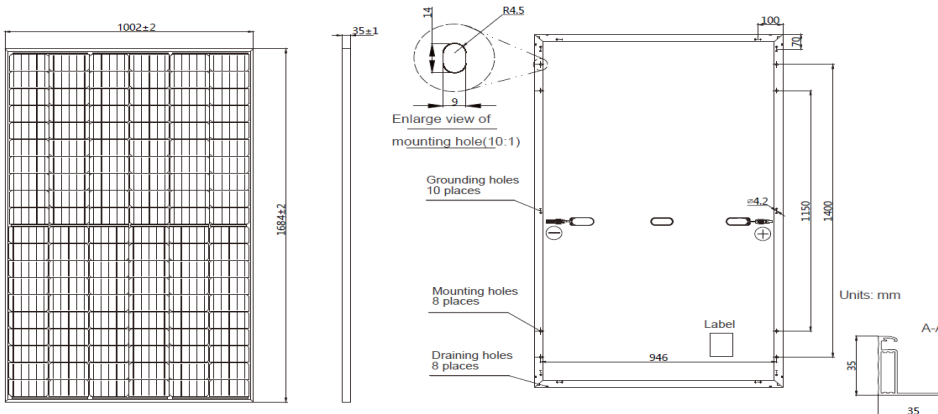
Linear Performance Warranty



10 Years Product Warranty 25 Years Linear Power Warranty

* Please refer to SR standard warranty for details

MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	18.7kg±3%
Dimensions	1684±2mm×1002±2mm×35±1mm
Cable Cross Section Size	4mm ²
No. of cells	120(6×20)
Junction Box	IP68, 3 diodes
Connector	QC 4, 10-35
Cable Length (Including Connector)	Portrait:300mm(+)/400mm(-); Landscape:1000mm(+)/1000mm(-)
Packaging Configuration	30 Per Pallet

ELECTRICAL PARAMETERS AT STC

TYPE

	320	325	330	335	340
Rated Maximum Power(Pmax) [W]	320	325	330	335	340
Open Circuit Voltage(Voc) [V]	40.27	40.56	40.84	41.12	41.36
Maximum Power Voltage(Vmp) [V]	33.62	33.87	34.13	34.36	34.63
Short Circuit Current(Isc) [A]	10.16	10.23	10.30	10.38	10.46
Maximum Power Current(Imp) [A]	9.52	9.60	9.67	9.75	9.82
Module Efficiency [%]	19.0	19.3	19.6	19.9	20.2
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α_{Isc})	+0.051%/°C				
Temperature Coefficient of Voc(β_{Voc})	-0.289%/°C				
Temperature Coefficient of Pmax(γ_{Pmp})	-0.350%/°C				

STC Irradiance 1000W/m², cell temperature 25°C, AM1.5G

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

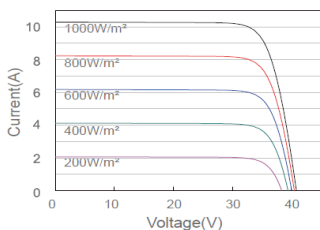
ELECTRICAL PARAMETERS AT NOCT

OPERATING CONDITIONS

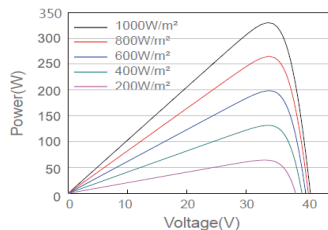
TYPE	237	241	244	248	252		
Rated Max Power(Pmax) [W]	237	241	244	248	252	Maximum System Voltage	1000V/1500V DC(IEC)
Open Circuit Voltage(Voc) [V]	37.15	37.38	37.65	37.93	38.18	Operating Temperature	-40°C~+85°C
Max Power Voltage(Vmp) [V]	33.31	33.54	33.82	34.10	34.38	Maximum Series Fuse	20A
Short Circuit Current(Isc) [A]	8.14	8.20	8.25	8.30	8.36	Maximum Static Load,Front	5400Pa
Max Power Current(Imp) [A]	7.11	7.17	7.22	7.27	7.32	Maximum Static Load,Back	2400Pa
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G					NOCT	45±2°C
						Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve

