

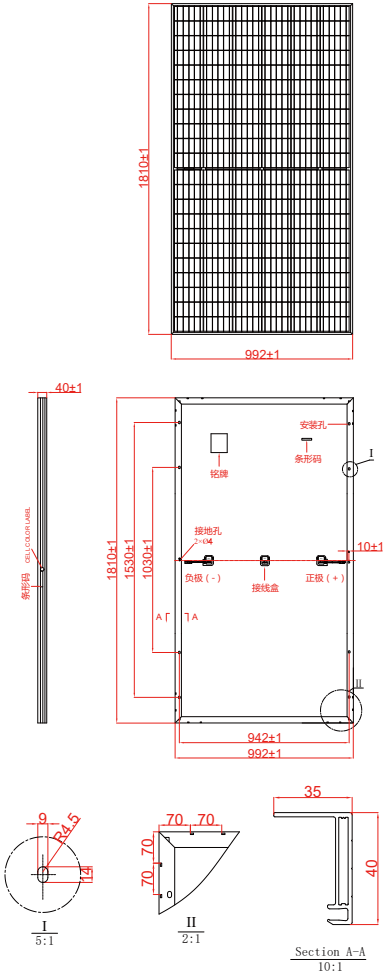


MADE IN CHINA

Electrical Characteristics

Module Type	SRP-305-BPC	SRP-310-BPC	SRP-315-BPC	SRP-320-BPC
	STC	STC	STC	STC
Maximum Power at STC (Pmp)	305	310	315	320
Open Circuit Voltage (Voc)	41.9	42.2	42.5	42.7
Short Circuit Current (Isc)	9.19	9.25	9.32	9.42
Maximum Power Voltage (Vmp)	35.1	35.4	35.7	35.9
Maximum Power Current (Imp)	8.69	8.76	8.83	8.92
Module Efficiency at STC(ηm)	16.99	17.27	17.54	17.82
Power Tolerance	(0,+4.99)			
Maximum System Voltage	1000 VDC / 1500 VDC			
Maximum Series Fuse Rating	20A			

STC: Irradiance 1000 W/m2 module temperature 25°C AM=1.5 .
 Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-2%; Current measurement tolerance: +/-4%



Temperature Characteristics

Pmax Temperature Coefficient	-0.40 %/°C
Voc Temperature Coefficient	-0.32 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C

Mechanical Specifications

External Dimensions	1810 x 992 x 40 mm
Weight	21.5kg
Solar Cells	Mono crystalline 156.75 x 78.375mm (132pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0 mm², Portrait: 255mm(+)/355mm(-); Landscape: 1200mm
Mechanical Load	5400 Pa
Connector	TT02&PV-KST4xy-UR; PV-KBT4/xy-UR for SD-903

Packing Configuration

	1810 x 992 x 40 mm	
Container	20'GP	40'GP
Pieces per Pallet	27	27
Pallets per Container	12	24
Pieces per Container	324	648

I-V Curve

