

Electrical Characteristics

Module Type	SRP-540-BMA-HV		SRP-545-BMA-HV		SRP-550-BMA-HV		SRP-555-BMA-HV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power at STC (Pmp)	540	406	545	409	550	414	555	418
Open Circuit Voltage (Voc)	49.50	46.18	49.60	46.32	49.70	46.40	49.80	46.50
Short Circuit Current (Isc)	13.81	11.16	13.90	11.23	14.00	11.32	14.10	11.41
Maximum Power Voltage (Vmp)	41.55	38.39	41.80	38.41	42.05	38.58	42.31	38.68
Maximum Power Current (Imp)	13.00	10.59	13.04	10.65	13.08	10.73	13.12	10.81
Module Efficiency at STC(%)	20.90		21.10		21.29		21.48	
Power Tolerance	(0, +4.99W)							
Maximum System Voltage	1500V DC							
Maximum Series Fuse Rating	25 A							

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5
Power measurement tolerance: +/-3%

Temperature Characteristics

Pmax Temperature Coefficient	-0.34 %/°C
Voc Temperature Coefficient	-0.26 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature(NOCT)	45±2 °C

Mechanical Specifications

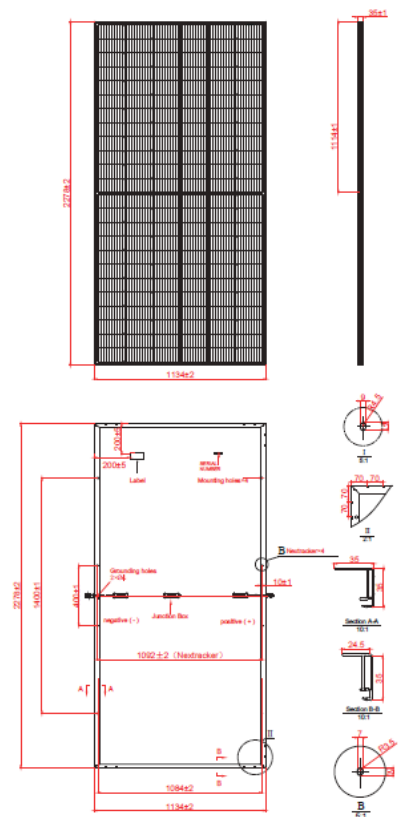
External Dimensions	2278x1134x35 mm
Weight	27.0 kg
Solar Cells	PERC Mono (144pcs)
Front Glass	3.2mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ² , 250mm(+)/350mm(-) or Customized Length
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa

Packing Configuration

	2278x1134x35 mm	
Container	20'GP	40'HQ
Pieces per Pallet	31+4*	31
Pallets per Container	4	20
Pieces per Container	140	620

* 31+4 pieces per pallet is the special package which only suits for container transport.
For details, please consult SERAPHIM.

Specifications are subject to change without further notification



I-V Curve

