

Electrical Characteristics

Module Type	SRP-300-BMB	SRP-305-BMB	SRP-310-BMB	SRP-315-BMB
	STC	STC	STC	STC
Maximum Power at STC (Pmp)	300	305	310	315
Open Circuit Voltage (Voc)	39.2	39.5	39.8	40.1
Short Circuit Current (Isc)	9.62	9.69	9.77	9.85
Maximum Power Voltage (Vmp)	33.0	33.2	33.5	33.7
Maximum Power Current (Imp)	9.10	9.19	9.26	9.35
Module Efficiency at STC(ηm)	18.33	18.63	18.94	19.25
Power Tolerance	(0,+4.99)			
Maximum System Voltage	1000 (TÜV)			
Maximum Series Fuse Rating	20A			

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;

Temperature Characteristics

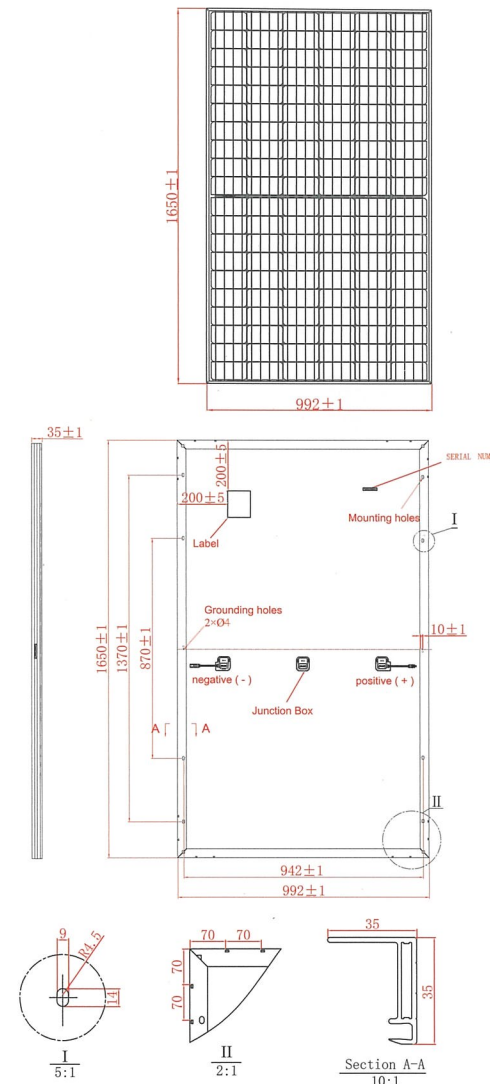
Pmax Temperature Coefficient	-0.40 %/°C
Voc Temperature Coefficient	-0.32 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C

Mechanical Specifications

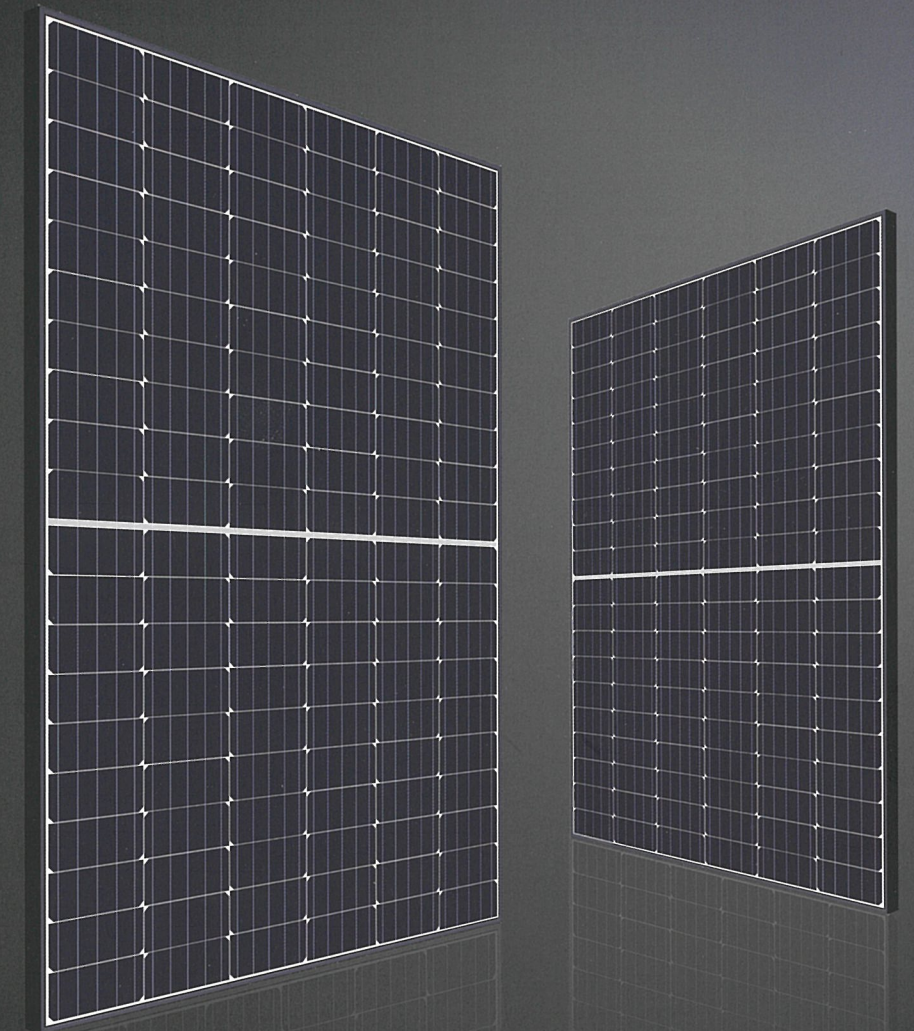
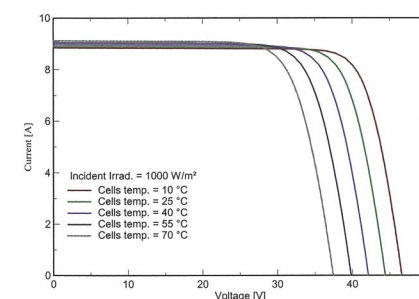
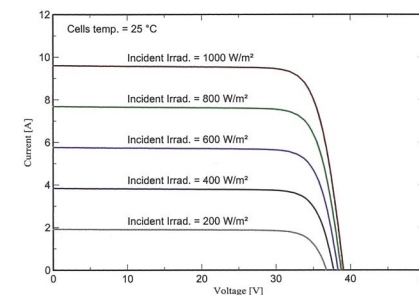
External Dimensions	1650x 992x35 mm
Weight	18.0 kg
Solar Cells	Mono crystalline
Front Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP67
Output Cables	4.0 mm²,cable length: 900 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa

Packing Configuration

	1650x 992x 35 mm	
Container	20'HGP	40'HGP
Pieces per Pallet	30	30
Pallets per Container	12	28
Pieces per Container	360	840



I-V Curve (SRP-300-BMB)



BLADE™
Cuts Night, Breaks Dawn.

MONO PERC
300W-315W