









SIV N-TOPCon SERIES

Small Changes, Big Accomplishments

465-480W



• N-TOPCON MODULE ADVANTAGE

-  Multi-main gate technology
-  Superior load capacity
-  High module conversion efficiency
-  Excellent low-light performance
-  Low attenuation long warranty
-  Low BOS and KWH cost
-  Reduce heat spot effect
-  Higher bifacially

• QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

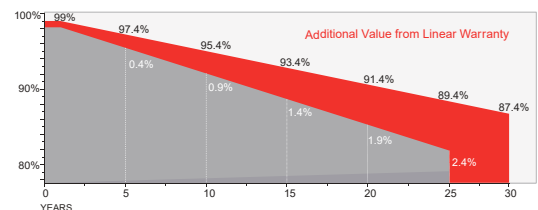
• PRODUCT CERTIFICATION



• INSURANCE

PICC

• WARRANTY



15 YEARS Guarantee on product material and workmanship

30 YEARS Linear power output warranty



Electrical Characteristics

Module Type	SRP-465-BTB-HV		SRP-470-BTB-HV		SRP-475-BTB-HV		SRP-480-BTB-HV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power at STC (Pmp)	465	349	470	353	475	357	480	361
Open Circuit Voltage (Voc)	42.60	40.47	42.80	40.66	43.00	40.85	43.20	41.04
Short Circuit Current (Isc)	13.82	11.06	13.88	11.10	13.94	11.15	14.00	11.20
Maximum Power Voltage (Vmp)	35.40	33.20	35.60	33.40	35.80	33.63	36.00	33.83
Maximum Power Current (Imp)	13.14	10.51	13.21	10.57	13.27	10.62	13.34	10.67
Module Efficiency at STC(ηm)	21.48		21.71		21.94		22.17	
Power Tolerance (W)	(0, +4.99)							
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%; Voltage measurement tolerance: +/-2%; Current measurement tolerance: +/-4%

Temperature Characteristics

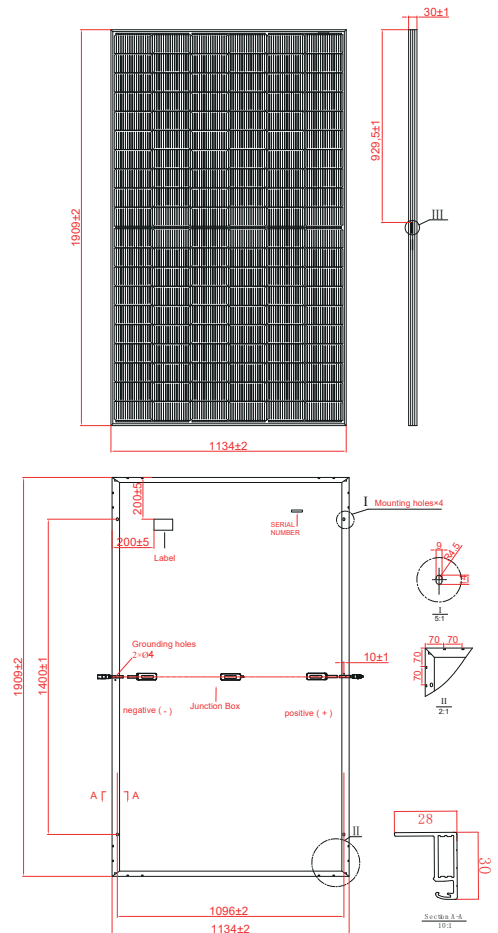
Pmax Temperature Coefficient	-0.30 %/°C
Voc Temperature Coefficient	-0.25 %/°C
Isc Temperature Coefficient	+0.046 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature(NOCT)	45±2 °C

Mechanical Specifications

External Dimensions	1909 x 1134 x 30 mm
Weight	22.0 kg
Solar Cells	N-TOPCon 182 x 91mm (120 pcs)
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
Connector	Genuine MC4 EVO2/ Cuangda TT02 / QC Solar QC4.10-cd
Fire Safety Class	Class C

Packing Configuration

	1909 x 1134 x 30 mm	
Container	20'GP	40'HQ
Pieces per Pallet	36	36
Pallets per Container	5	24
Pieces per Container	180	864



I-V Curve

