









SIV N-TOPCON SERIES

Small Changes, Big Accomplishments

560-575W



• 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

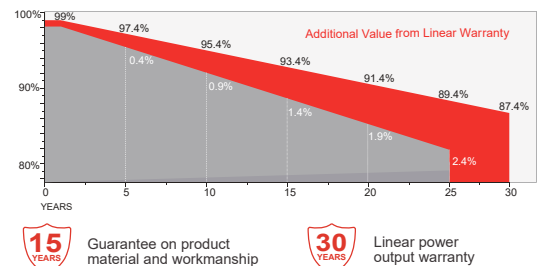
• PRODUCT CERTIFICATION



• INSURANCE

PICC

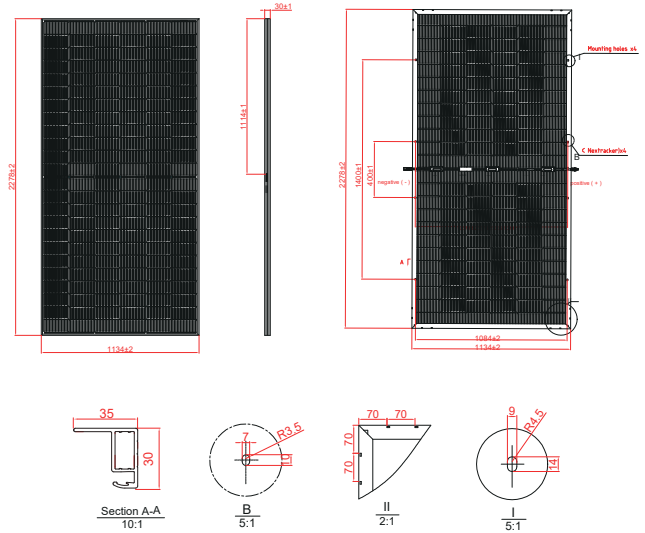
• WARRANTY



Mechanical Specifications

External Dimension	2278 x 1134 x 30 mm
Weight	32.0 kg
Solar Cells	N-TOPCon 182 x 91mm (144pcs)
Front / Back Glass	2.0mm AR coating semi-tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ² , 250mm(+)/350mm(-) or Customized Length
Connector	Genuine MC4 EVO2/ Cuangda TT02 / QC Solar QC4.10-cd
Fire Safety Class	Class A

Technical drawing



Packing Configuration

Container	20'GP	40'HQ
Pieces per Pallet	36	36
Pallets per Container	4	20
Pieces per Container	144	720

Electrical Characteristics

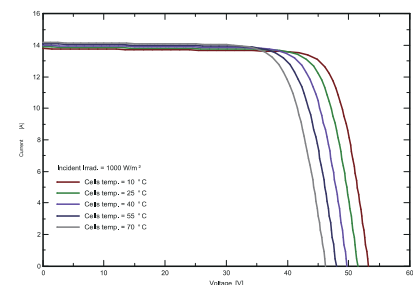
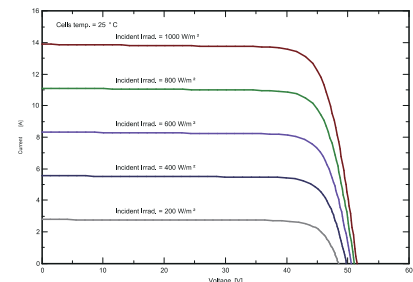
Module Type	SRP-560-BTA-BG			SRP-565-BTA-BG			SRP-570-BTA-BG			SRP-575-BTA-BG		
	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC
Maximum Power -P _{mp} (W)	560	421	448	565	425	452	570	429	456	575	433	460
Open Circuit Voltage -V _{oc} (V)	51.30	48.74	51.28	51.50	48.93	51.48	51.70	49.12	51.68	51.90	49.31	51.88
Short Circuit Current -I _{sc} (A)	13.83	11.06	11.06	13.89	11.11	11.11	13.95	11.16	11.16	14.01	11.21	11.21
Maximum Power Voltage -V _{mp} (V)	42.60	39.99	42.58	42.80	40.22	42.78	43.00	40.44	42.98	43.20	40.63	43.18
Maximum Power Current -I _{mp} (A)	13.16	10.53	10.52	13.21	10.57	10.57	13.26	10.61	10.61	13.32	10.66	10.66
Module Efficiency STC-η _m (%)	21.68			21.87			22.07			22.26		
Power Tolerance (W)	(0, +4.99)											
Pmax Temperature Coefficient	-0.30 %/°C											
Voc Temperature Coefficient	-0.25 %/°C											
Isc Temperature Coefficient	+0.046 %/°C											

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5 Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-2%; Current measurement tolerance: +/-4%
 NOCT: Irradiance 800 W/m² ambient temperature 20°C wind speed :1m/s Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-2%; Current measurement tolerance: +/-4%

Rear Side Power Gain(SRP-565-BTA-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	621	648	675	702	729
Open Circuit Voltage -V _{oc} (V)	51.50	51.50	51.50	51.50	51.50
Short Circuit Current -I _{sc} (A)	15.28	15.98	16.67	17.36	18.06
Maximum Power Voltage -V _{mp} (V)	42.80	42.80	42.80	42.80	42.80
Maximum Power Current -I _{mp} (A)	14.53	15.19	15.85	16.51	17.17

I-V Curve



Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	25 A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Bifaciality	80%±5%
Mechanical Load	Front side 5400 Pa / Back side 2400 Pa

Specifications are subject to change without further notification SRP-DS-EN-2023T0302 © Copyright 2023 Seraphim



SERAPHIM SOLAR SYSTEM CO., LTD

Add: No.10, TongshunRd, HenglinTown, Wujin District, 213000, Changzhou, China
 Tel: +86-519-68788166 Email: info@seraphim-energy.com