

Sable 605-620W

High efficiency bifacial modules

TOPCon 182*210mm

• TOPCon MODULE ADVANTAGE



Multi-Busbar technology



Superior load capacity



High module efficiency



Excellent low-light performance



Lower annual attenuation
Longer warranty



Low BOS and LCOE



Reduce hot spot effect



Higher bifaciality

• QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

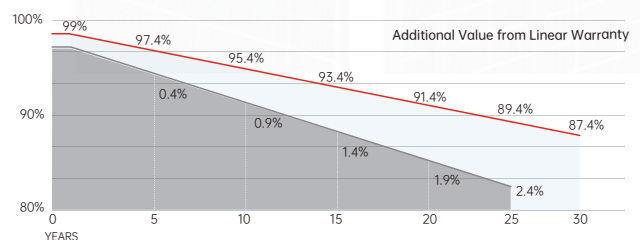
• PRODUCT CERTIFICATION



• INSURANCE

PICC

• WARRANTY



Guarantee on product material and workmanship



Linear power output warranty



Jiangsu Seraphim Solar System Co., Ltd.

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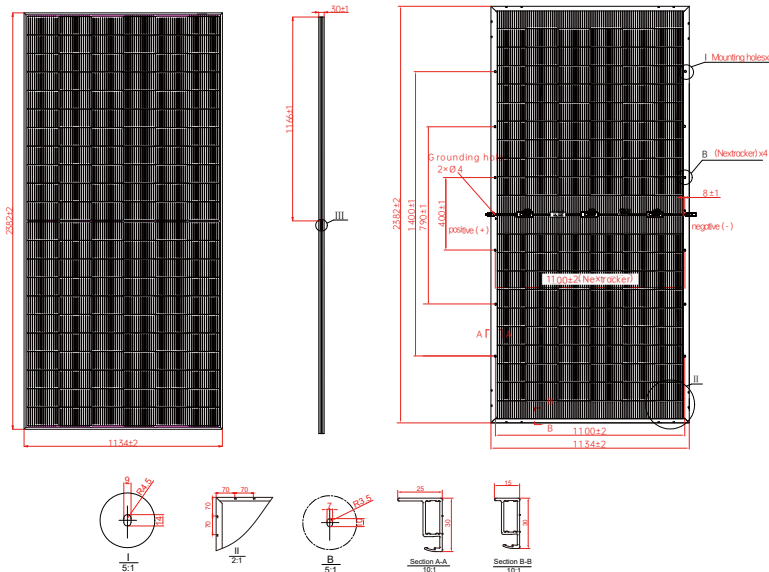
Mechanical Specifications

External Dimension	2382 x 1134 x 30 mm	
Weight	33.7 kg	
Solar Cells	TOPCon 182 x 105mm (132 pcs)	
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/Zerun Z4S-abcde/QC Solar QC4.10-cds	
Fire Safety Class	Class A	

Packing Configuration

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

Technical drawing



Electrical Characteristics

Module Type	SRP-605-BTC-BG			SRP-610-BTC-BG			SRP-615-BTC-BG			SRP-620-BTC-BG		
	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC
Maximum Power -P _{mp} (W)	605	670	484	610	676	488	615	681	492	620	687	496
Open Circuit Voltage -V _{oc} (V)	48.72	48.80	48.70	48.92	49.00	48.90	49.12	49.20	49.10	49.32	49.40	49.30
Short Circuit Current -I _{sc} (A)	15.82	17.53	12.66	15.87	17.58	12.70	15.92	17.64	12.74	15.97	17.69	12.78
Maximum Power Voltage -V _{mp} (V)	40.51	40.59	40.49	40.71	40.79	40.69	40.91	40.99	40.89	41.11	41.19	41.09
Maximum Power Current -I _{mp} (A)	14.94	16.51	11.95	14.99	16.57	11.99	15.04	16.62	12.03	15.09	16.68	12.07
Module Efficiency STC-η _m (%)	22.40			22.58			22.77			22.95		
Power Measurement Tolerance	± 3%											
Power Sorting Tolerance (W)	-5W~+5W											
Pmax Temperature Coefficient	-0.29 %/°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: +/-3%; Current measurement tolerance: +/-4%
 BNPI: front 1000 W/m² rear 135 W/m² Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-3%; Current measurement tolerance: +/-3%

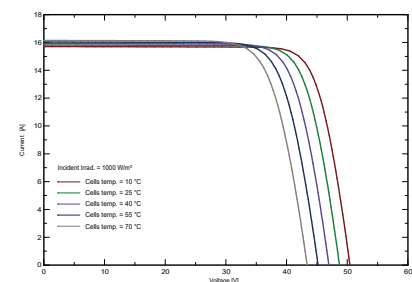
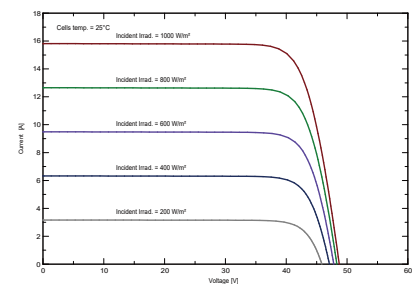
Rear Side Power Gain(SRP-610-BTC-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	671	702	732	763	793
Open Circuit Voltage -V _{oc} (V)	48.92	48.92	48.92	48.92	48.92
Short Circuit Current -I _{sc} (A)	17.46	18.25	19.04	19.84	20.63
Maximum Power Voltage -V _{mp} (V)	40.71	40.71	40.71	40.71	40.71
Maximum Power Current -I _{mp} (A)	16.49	17.24	17.99	18.74	19.49

Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	30 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

I-V Curve



Specifications are subject to change without further notification SRP-DS-EN- 2024T0606© Copyright 2024 Seraphim



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