

Sable 605-630w

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

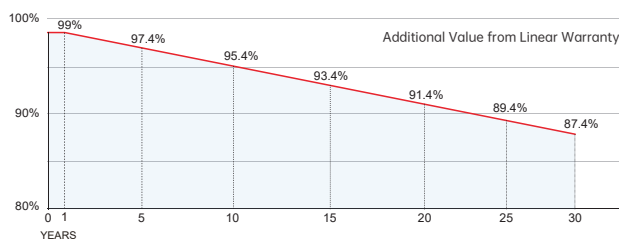
• PRODUCT CERTIFICATION



• INSURANCE

PICC

• WARRANTY



Guarantee on product material and workmanship



Linear power output warranty



SERAPHIM ENERGY GROUP CO., LTD.

Add: NO.18, Shichuan Road, Jinzhai Economic Development Zone, Lu'an City, Anhui Province
Tel: +86-564-7736177 Email: info@seraphim-energy.com

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	4.0mm², 250mm(+)/350mm(-) or Customized Length

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-605-BTC-BG		SRP-610-BTC-BG		SRP-615-BTC-BG		SRP-620-BTC-BG		SRP-625-BTC-BG		SRP-630-BTC-BG	
	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI	Front STC	Front BNPI
Maximum Power -P _{mp} (W)	605	670	610	676	615	681	620	687	625	693	630	698
Open Circuit Voltage -V _{oc} (V)	48.72	48.80	48.92	49.00	49.12	49.20	49.32	49.40	49.52	49.60	49.72	49.80
Short Circuit Current -I _{sc} (A)	15.82	17.53	15.87	17.58	15.92	17.64	15.97	17.69	16.02	17.75	16.07	17.81
Maximum Power Voltage -V _{mp} (V)	40.51	40.59	40.71	40.79	40.91	40.99	41.11	41.19	41.31	41.39	41.51	41.59
Maximum Power Current -I _{mp} (A)	14.94	16.51	14.99	16.57	15.04	16.62	15.09	16.68	15.14	16.73	15.19	16.78
Module Efficiency STC-η _m (%)	22.40		22.58		22.77		22.95		23.14		23.32	
Power Tolerance (W)	(0. -+4.99)											

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5 Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-3%; Current measurement tolerance: +/-4%
 BNP: front 1000 W/m² rear 135 W/m² Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-3%; Current measurement tolerance: +/-4%

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

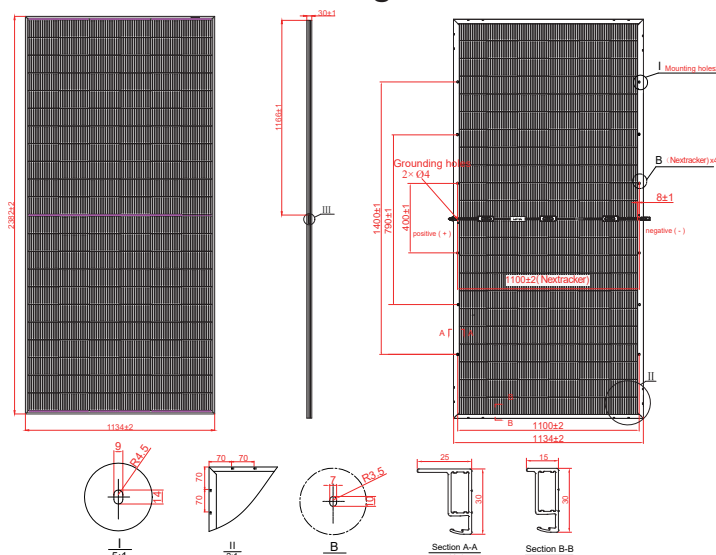
Temperature Ratings

Pmax Temperature Coefficient	-0.29 %/°C
Voc Temperature Coefficient	-0.25 %/°C
Isc Temperature Coefficient	+0.046 %/°C

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

Technical drawing



I-V Curve

