

Sable 600-630W

High efficiency dual-glass modules

TOPCon 182*188mm

• 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

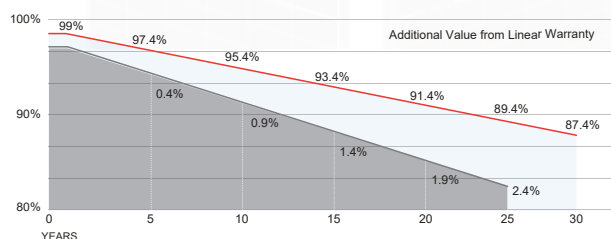
• PRODUCT CERTIFICATION



• 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	2333 x 1134 x 30 mm
Weight	32.7 kg
Solar Cells	TOPCon 182 x 94mm (144pcs)
Front / Back Glass	2.0mm AR coating semi-tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm², 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

SRP-610-BTA-BG				SRP-615-BTA-BG			SRP-620-BTA-BG			SRP-625-BTA-BG			SRP-630-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	Front STC	Front NOCT	Back STC
Maximum Power -P _{mp} (W)	610	458	488	615	461	492	620	465	496	625	469	500	630	473	504
Open Circuit Voltage -V _{oc} (V)	51.82	49.23	51.80	52.02	49.42	52.00	52.22	49.61	52.20	52.42	49.80	52.40	52.62	49.99	52.60
Short Circuit Current -I _{sc} (A)	14.65	11.72	11.73	14.71	11.77	11.78	14.77	11.82	11.83	14.83	11.86	11.87	14.89	11.91	11.92
Maximum Power Voltage -V _{mp} (V)	44.72	41.93	44.74	44.91	42.08	44.94	45.10	42.27	45.14	45.29	42.46	45.34	45.48	42.61	45.54
Maximum Power Current -I _{mp} (A)	13.64	10.91	10.92	13.70	10.96	10.97	13.75	11.00	11.01	13.80	11.04	11.05	13.86	11.09	11.10
Module Efficiency STC-η _m (%)	23.06			23.25			23.43			23.62			23.81		
Power Tolerance (W)	(0, +4.99)														
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%

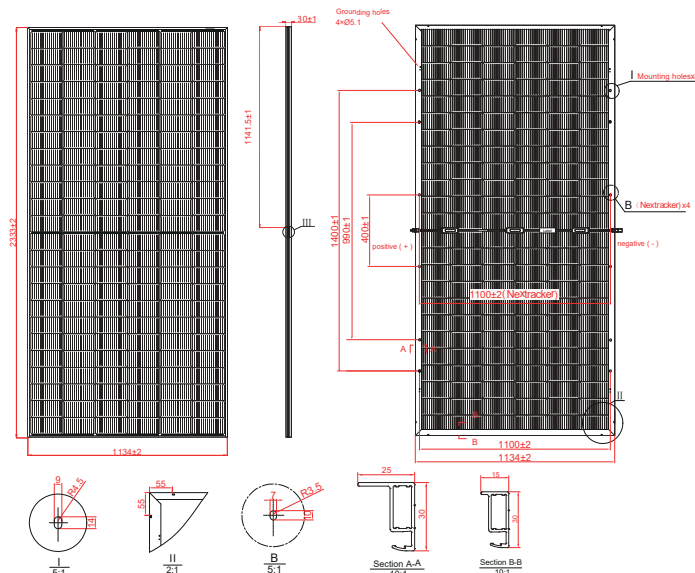
Rear Side Power Gain(SRP-620-BTA-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power - P_{mp} (W)	682	690	744	775	806
Open Circuit Voltage - V_{oc} (V)	52.22	52.22	52.22	52.22	52.22
Short Circuit Current - I_{sc} (A)	16.25	16.99	17.72	18.46	19.20
Maximum Power Voltage - V_{mp} (V)	45.10	45.10	45.10	45.10	45.10
Maximum Power Current - I_{mp} (A)	15.13	15.81	16.50	17.19	17.88

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

Technical drawing



I-V Curve

