

Sable 550-575w

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

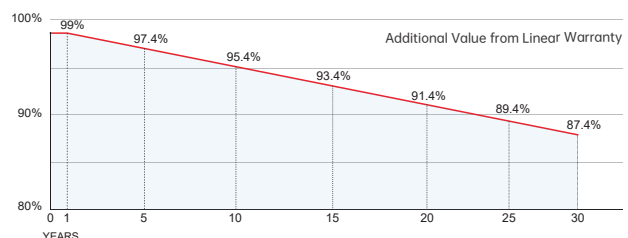
• PRODUCT CERTIFICATION



• INSURANCE

PICC

• WARRANTY



Guarantee on product material and workmanship



Linear power output warranty



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Mechanical Specifications

External Dimension	2172 x 1134 x 30 mm
Weight	33.8 kg
Solar Cells	TOPCon 182 x 105mm (120 pcs)
Front / Back Glass	2.5/2.0mm 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

Packing Configuration

Container	20'GP	40'HQ
Pieces per Pallet	36	36
Pallets per Container	5	20
Pieces per Container	180	720

Electrical Characteristics

Module Type	SRP-550-BTB-BG		SRP-555-BTB-BG		SRP-560-BTB-BG		SRP-565-BTB-BG		SRP-570-BTB-BG		SRP-575-BTB-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)	550	609	555	615	560	620	565	626	570	632	575	637
Open Circuit Voltage -V _{oc} (V)	44.27	44.35	44.47	44.55	44.67	44.75	44.87	44.95	45.07	45.15	45.27	45.35
Short Circuit Current -I _{sc} (A)	15.83	17.54	15.88	17.60	15.91	17.63	15.96	17.68	16.01	17.74	16.06	17.79
Maximum Power Voltage -V _{mp} (V)	36.81	36.89	37.01	37.09	37.21	37.29	37.41	37.49	37.61	37.69	37.81	37.89
Maximum Power Current -I _{mp} (A)	14.95	16.52	15.00	16.58	15.05	16.64	15.11	16.70	15.16	16.76	15.21	16.81
Module Efficiency STC-η _m (%)	22.33		22.53		22.74		22.94		23.14		23.35	
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%
BNPI: 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-560-BTB-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power $-P_{mp}(W)$	616	644	672	700	728
Open Circuit Voltage $-V_{oc}(V)$	44.67	44.67	44.67	44.67	44.67
Short Circuit Current $-I_{sc}(A)$	17.50	18.30	19.09	19.89	20.68
Maximum Power Voltage $-V_{mp}(V)$	37.21	37.21	37.21	37.21	37.21
Maximum Power Current $-I_{mp}(A)$	16.56	17.31	18.06	18.81	19.57

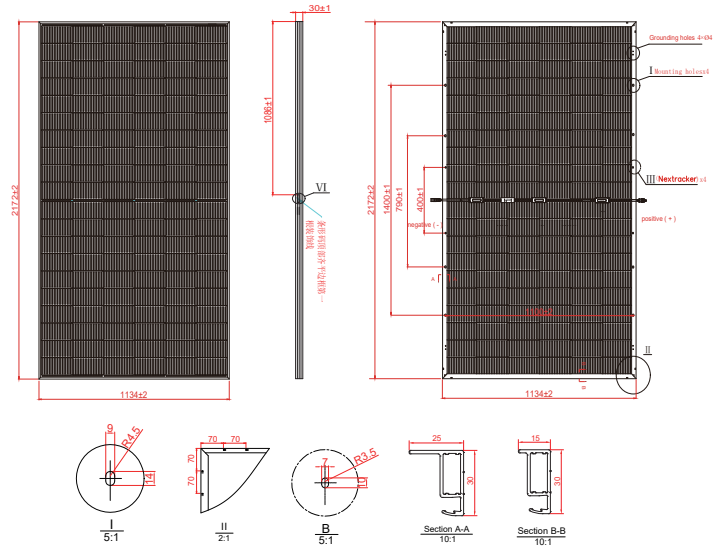
Temperature Ratings

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
Hail Test	HW4 40mm

Technical drawing



I-V Curve

