

# Sable 565-580w

High efficiency bifacial modules

**TOPCon 182mm**

## • 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

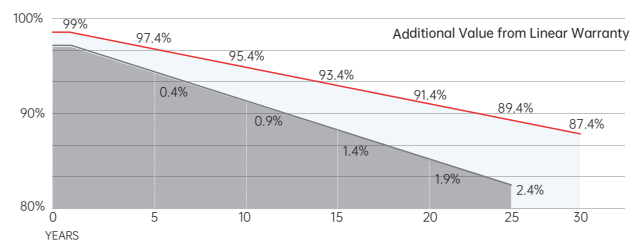
## • PRODUCT CERTIFICATION



## • INSURANCE

**PICC**

## • WARRANTY



15 YEARS Guarantee on product material and workmanship



30 YEARS Linear power output warranty



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## Mechanical Specifications

External Dimension	2278 x 1134 x 30 mm
Weight	32.0 kg
Solar Cells	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 <sup>2</sup> , 250mm(+)/350mm(-) or Customized Length

## Packing Configuration

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

## Electrical Characteristics

Module Type	SRP-565-BTA-BG			SRP-570-BTA-BG			SRP-575-BTA-BG			SRP-580-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)	565	425	452	570	429	456	575	433	460	580	437	464
Open Circuit Voltage $V_{oc}$ (V)	51.50	48.93	51.48	51.70	49.12	51.68	51.90	49.31	51.88	52.10	49.50	52.08
Short Circuit Current $I_{sc}$ (A)	13.89	11.11	11.11	13.95	11.16	11.16	14.01	11.21	11.21	14.07	11.26	11.26
Maximum Power Voltage $V_{mp}$ (V)	42.80	40.22	42.78	43.00	40.44	42.98	43.20	40.63	43.18	43.40	40.86	43.38
Maximum Power Current $I_{mp}$ (A)	13.21	10.57	10.57	13.26	10.61	10.61	13.32	10.66	10.66	13.37	10.70	10.70
Module Efficiency STC $\eta$ (%)	21.87			22.07			22.26			22.45		
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/m<sup>2</sup> module temperature 25°C AM=1.5  
Power measurement tolerance: +/-3%

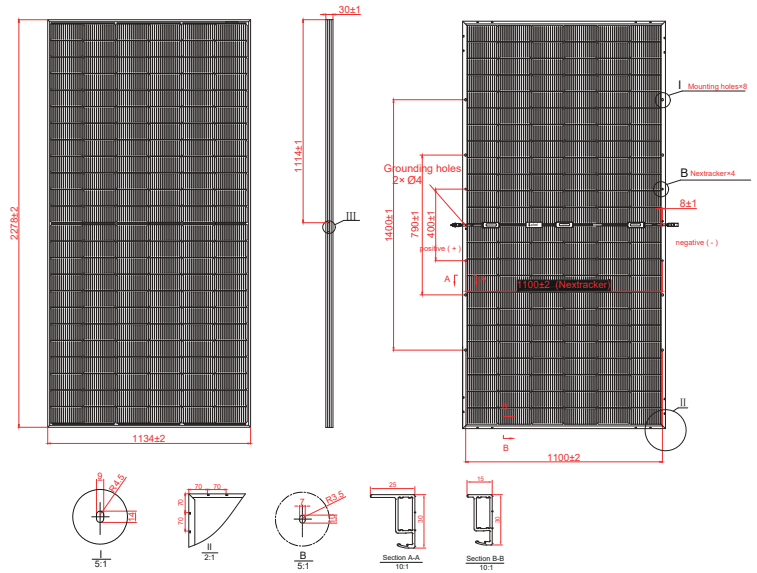
## Rear Side Power Gain( SRP-565-BTA-BG )

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

## 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

