









# Sable 625-650w

High efficiency bifacial modules

**TOPCon 182mm**

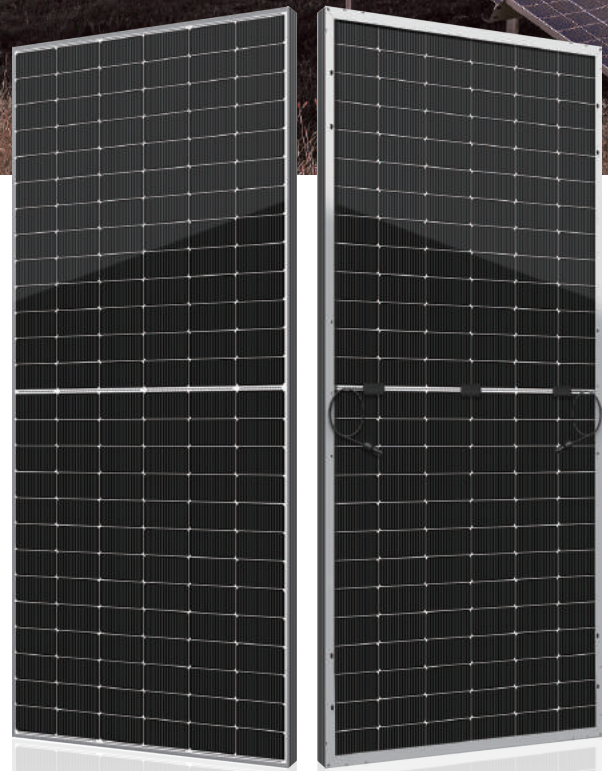
## • TOPCon MODULE ADVANTAGE

-  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

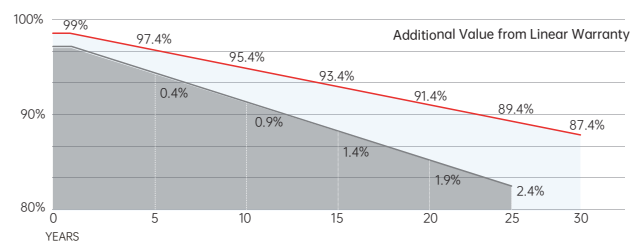
## • PRODUCT CERTIFICATION



## • 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	2465 x 1134 x 30 mm
Weight	34.6 kg
Solar Cells	182N-TOPCon (156pcs)
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	20'GP	40'HQ
Pieces per Pallet	36	36
Pallets per Container	4	16
Pieces per Container	144	576

## Electrical Characteristics

Module Type	SRP-625-BTZ-BG		SRP-630-BTZ-BG		SRP-635-BTZ-BG		SRP-640-BTZ-BG		SRP-645-BTZ-BG		SRP-650-BTZ-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 <sub>mp</sub> (W)	625	685	630	690	635	696	640	701	645	707	650	712
Open Circuit Voltage -V <sub>oc</sub> (V)	56.24	56.32	56.44	56.52	56.64	56.72	56.84	56.92	57.04	57.12	57.24	57.32
Short Circuit Current -I <sub>sc</sub> (A)	14.01	15.35	14.07	15.42	14.13	15.49	14.19	15.55	14.25	15.62	14.31	15.68
Maximum Power Voltage -V <sub>mp</sub> (V)	46.93	47.01	47.13	47.21	47.31	47.39	47.49	47.57	47.68	47.76	47.87	47.95
Maximum Power Current -I <sub>mp</sub> (A)	13.32	14.57	13.37	14.63	13.43	14.69	13.48	14.74	13.53	14.80	13.58	14.86
Module Efficiency STC-η <sub>m</sub> (%)	22.36		22.54		22.72		22.90		23.07		23.25	
Power Tolerance (W)	(0, +4.99)											

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5 Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-3%; Current measurement tolerance: +/-4%  
BNPI: front 1000 W/m<sup>2</sup> rear 135 W/m<sup>2</sup> Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-3%; Current measurement tolerance: +/-4%

## Rear Side Power Gain( SRP-630-BTZ-BG )

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P <sub>mp</sub> (W)	693	725	756	788	819
Open Circuit Voltage -V <sub>oc</sub> (V)	56.44	56.44	56.44	56.44	56.44
Short Circuit Current -I <sub>sc</sub> (A)	15.48	16.18	16.88	17.59	18.29
Maximum Power Voltage -V <sub>mp</sub> (V)	47.13	47.13	47.13	47.13	47.13
Maximum Power Current -I <sub>mp</sub> (A)	14.71	15.38	16.04	16.71	17.38

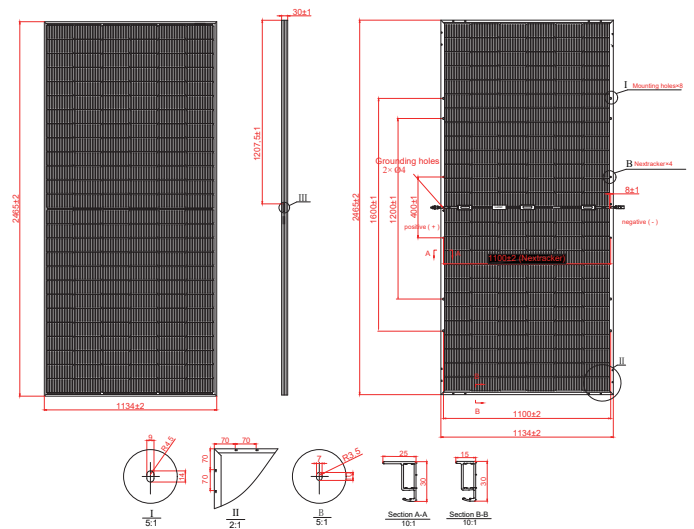
## Temperature Ratings

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	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

