

# Sable 625-640w

High efficiency bifacial modules

**TOPCon 182\*199mm**

• **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

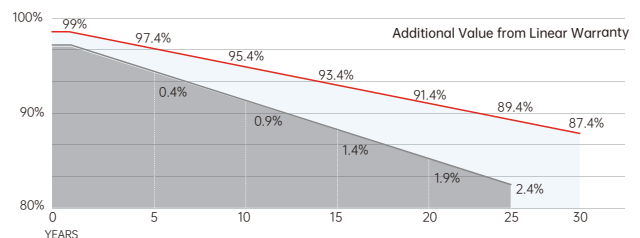
• **PRODUCT CERTIFICATION**



• **INSURANCE**



• **WARRANTY**



Guarantee on product material and workmanship



Linear power output warranty



## Mechanical Specifications

External Dimension	2465 x 1134 x 30 mm
Weight	34.6 kg
Solar Cells	TOPCon 182 x 99.5mm (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
Connector	Genuine MC4 EVO2/Zerun Z4S-abcde/QC Solar QC4.10-cds
Fire Safety Class	Class A

## 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-BTA-BG			SRP-630-BTA-BG			SRP-635-BTA-BG			SRP-640-BTA-BG		
	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC
Maximum Power -P <sub>mp</sub> (W)	625	693	500	630	698	504	635	704	508	640	709	512
Open Circuit Voltage -V <sub>oc</sub> (V)	52.28	52.36	52.26	52.48	52.56	52.46	52.68	52.76	52.66	52.88	52.96	52.86
Short Circuit Current -I <sub>sc</sub> (A)	15.12	16.75	12.10	15.17	16.81	12.14	15.22	16.86	12.18	15.27	16.92	12.22
Maximum Power Voltage -V <sub>mp</sub> (V)	43.72	43.80	43.70	43.92	44.00	43.90	44.12	44.20	44.10	44.32	44.40	44.30
Maximum Power Current -I <sub>mp</sub> (A)	14.30	15.81	11.44	14.35	15.86	11.48	14.40	15.92	11.52	14.45	15.97	11.56
Module Efficiency STC-η <sub>m</sub> (%)	22.36			22.54			22.72			22.90		
Power Measurement Tolerance	± 3%											
Power Sorting Tolerance (W)	-5W~+5W											
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%; 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: +/-3%

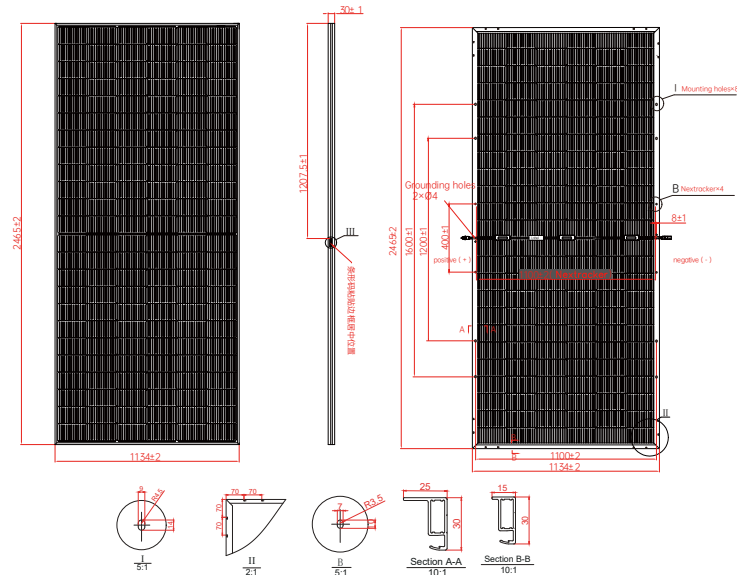
## Rear Side Power Gain( SRP-630-BTA-BG )

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)	52.48	52.48	52.48	52.48	52.48
Short Circuit Current -I <sub>sc</sub> (A)	16.69	17.45	18.20	18.96	19.72
Maximum Power Voltage -V <sub>mp</sub> (V)	43.92	43.92	43.92	43.92	43.92
Maximum Power Current -I <sub>mp</sub> (A)	15.79	16.50	17.22	17.94	18.66

## 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

