









# Sable 695-710w

High efficiency bifacial modules

**TOPCon 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

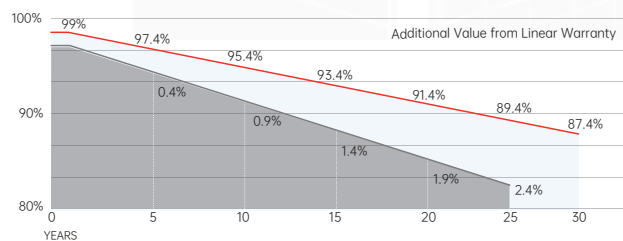
• **PRODUCT CERTIFICATION**



• **INSURANCE**

**PICC**

• **WARRANTY**



**15 YEARS** Guarantee on product material and workmanship

**30 YEARS** Linear power output warranty



**SERAPHIM ENERGY GROUP CO., LTD.**

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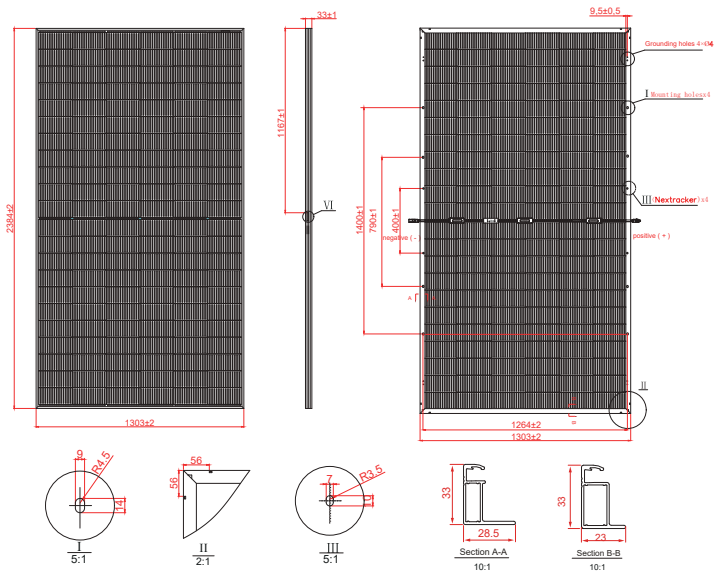
## Mechanical Specifications

External Dimension	2384 x 1303 x 33 mm
Weight	38.5 kg
Solar Cells	TOPCon 210×105 mm (132 pcs)
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
Pieces per Pallet	33
Pallets per Container	18
Pieces per Container	594

## Technical drawing



## Electrical Characteristics

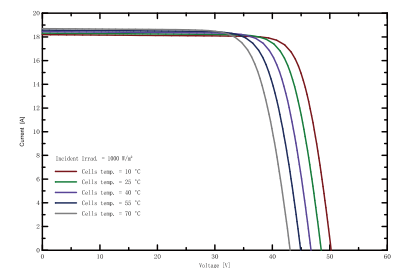
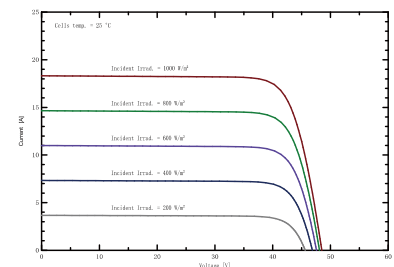
Module Type	SRP-695-BTC-BG			SRP-700-BTC-BG			SRP-705-BTC-BG			SRP-710-BTC-BG		
	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC
Maximum Power -P <sub>mp</sub> (W)	695	762	556	700	767	560	705	773	564	710	778	568
Open Circuit Voltage -V <sub>oc</sub> (V)	48.30	48.38	48.28	48.50	48.58	48.48	48.70	48.78	48.68	48.90	48.98	48.88
Short Circuit Current -I <sub>sc</sub> (A)	18.28	20.03	14.63	18.32	20.08	14.67	18.36	20.12	14.69	18.40	20.17	14.72
Maximum Power Voltage -V <sub>mp</sub> (V)	40.32	40.41	40.30	40.53	40.61	40.51	40.73	40.81	40.71	40.93	41.01	40.91
Maximum Power Current -I <sub>mp</sub> (A)	17.25	18.90	13.81	17.29	18.94	13.84	17.31	18.97	13.85	17.35	19.02	13.88
Module Efficiency STC-η <sub>m</sub> (%)	22.37			22.53			22.70			22.86		
Power Tolerance (W)	(0, +4.99)											
P <sub>max</sub> Temperature Coefficient	-0.29 %/°C											
V <sub>oc</sub> Temperature Coefficient	-0.25 %/°C											
I <sub>sc</sub> 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-700-BTC-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P <sub>mp</sub> (W)	770	805	840	875	910
Open Circuit Voltage -V <sub>oc</sub> (V)	48.50	48.50	48.50	48.50	48.50
Short Circuit Current -I <sub>sc</sub> (A)	20.15	21.07	21.98	22.90	23.82
Maximum Power Voltage -V <sub>mp</sub> (V)	40.53	40.53	40.53	40.53	40.53
Maximum Power Current -I <sub>mp</sub> (A)	19.02	19.88	20.75	21.61	22.48

## I-V Curve



## Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	35 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

Specifications are subject to change without further notification SRP-DS-EN-2024T0620 © Copyright 2024 Seraphim



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