



# Sable 695-720w

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

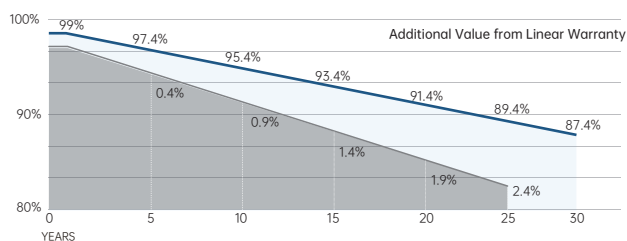
## • PRODUCT CERTIFICATION



## • INSURANCE

**PICC**

## • WARRANTY



Guarantee on product  
material and workmanship



Linear power  
output warranty



## 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   |

## Electrical Characteristics

| Module Type                                | EP-695-BTC-BG |            | EP-700-BTC-BG |            | EP-705-BTC-BG |            | EP-710-BTC-BG |            | EP-715-BTC-BG |            | EP-720-BTC-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)         | 695           | 762        | 700           | 767        | 705           | 773        | 710           | 778        | 715           | 784        | 720           | 789        |
| Open Circuit Voltage -V <sub>oc</sub> (V)  | 48.30         | 48.38      | 48.50         | 48.58      | 48.70         | 48.78      | 48.90         | 48.98      | 49.10         | 49.18      | 49.30         | 49.38      |
| Short Circuit Current -I <sub>sc</sub> (A) | 18.28         | 20.03      | 18.32         | 20.08      | 18.36         | 20.12      | 18.40         | 20.17      | 18.44         | 20.21      | 18.48         | 20.25      |
| Maximum Power Voltage -V <sub>mp</sub> (V) | 40.33         | 40.41      | 40.53         | 40.61      | 40.73         | 40.81      | 40.93         | 41.01      | 41.13         | 41.21      | 41.33         | 41.41      |
| Maximum Power Current -I <sub>mp</sub> (A) | 17.24         | 18.90      | 17.28         | 18.94      | 17.31         | 18.97      | 17.35         | 19.02      | 17.39         | 19.06      | 17.43         | 19.10      |
| Module Efficiency STC-η <sub>m</sub> (%)   | 22.37         |            | 22.53         |            | 22.70         |            | 22.86         |            | 23.02         |            | 23.18         |            |
| 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( EP-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 |

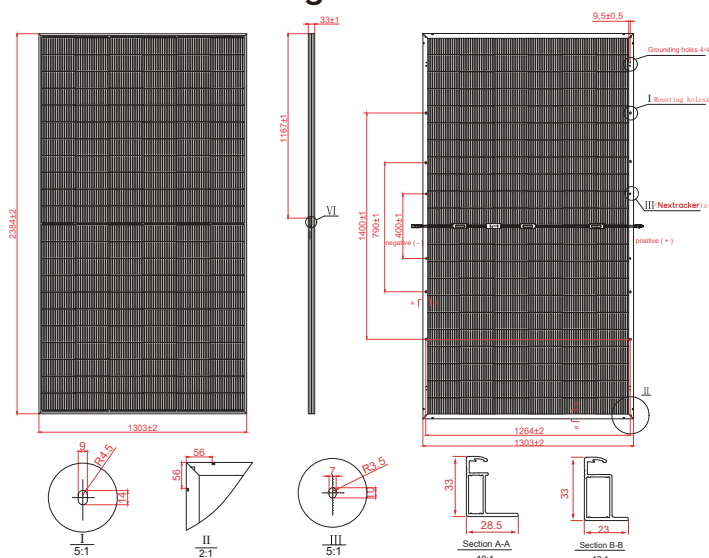
## Temperature Ratings

|                              |             |
|------------------------------|-------------|
| Pmax Temperature Coefficient | -0.29 %/°C  |
| Voc Temperature Coefficient  | -0.25 %/°C  |
| Isc Temperature Coefficient  | +0.046 %/°C |

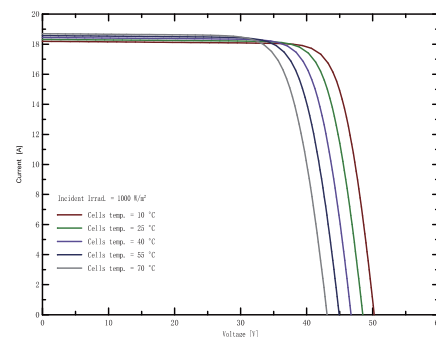
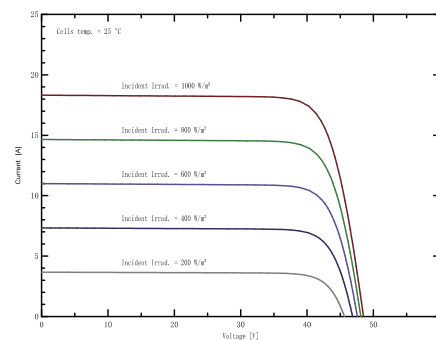
## Application Conditions

|                                    |                                        |
|------------------------------------|----------------------------------------|
| Maximum System Voltage             | 1500V DC                               |
| Maximum Series Fuse Rating         | 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 |

## Technical drawing



## I-V Curve



Specifications are subject to change without further notification EP-DS-EN-2024T0221© Copyright 2024 EPEVER