

# Sable 605-630w

High efficiency bifacial modules  
Full Screen

**TOPCon 182\*210mm**

## • TOPCon MODULE ADVANTAGE



Multi-Busbar  
technology



Superior load  
capacity



High module  
efficiency



No ash, no water  
Reduce power  
generation loss



Lower annual  
attenuation  
Longer warranty



Low BOS and  
LCOE



Reduce hot  
spot effect



Higher  
bifaciality

## • QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

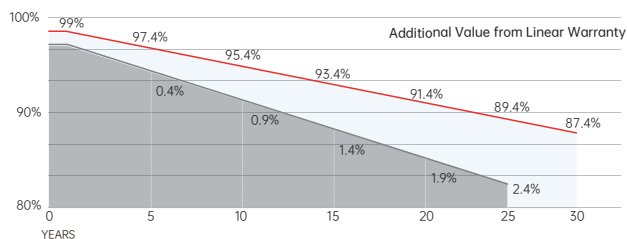
## • PRODUCT CERTIFICATION



## • INSURANCE

**PICC**

## • WARRANTY



Guarantee on product  
material and workmanship



Linear power  
output warranty



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## Mechanical Specifications

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| External Dimension | 2382 x 1134 x 26 mm                                         |
| Weight             | 32.5 kg                                                     |
| Solar Cells        | TOPCon 182 x 105mm (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             | 20'GP | 40'HQ |
| Pieces per Pallet     | 40    | 40    |
| Pallets per Container | 4     | 20    |
| Pieces per Container  | 160   | 800   |

## Electrical Characteristics

| Module Type                                | SRP-605-BTC-BG |            | SRP-610-BTC-BG |            | SRP-615-BTC-BG |            | SRP-620-BTC-BG |            | SRP-625-BTC-BG |            | SRP-630-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)         | 605            | 670        | 610            | 676        | 615            | 681        | 620            | 687        | 625            | 693        | 630            | 698        |
| Open Circuit Voltage -V <sub>oc</sub> (V)  | 48.72          | 48.80      | 48.92          | 49.00      | 49.12          | 49.20      | 49.32          | 49.40      | 49.52          | 49.60      | 49.72          | 49.80      |
| Short Circuit Current -I <sub>sc</sub> (A) | 15.82          | 17.53      | 15.87          | 17.58      | 15.92          | 17.64      | 15.97          | 17.69      | 16.02          | 17.75      | 16.07          | 17.81      |
| Maximum Power Voltage -V <sub>mp</sub> (V) | 40.51          | 40.59      | 40.71          | 40.79      | 40.91          | 40.99      | 41.11          | 41.19      | 41.31          | 41.39      | 41.51          | 41.59      |
| Maximum Power Current -I <sub>mp</sub> (A) | 14.94          | 16.51      | 14.99          | 16.57      | 15.04          | 16.62      | 15.09          | 16.68      | 15.14          | 16.73      | 15.19          | 16.78      |
| Module Efficiency STC-η <sub>mp</sub> (%)  | 22.40          |            | 22.58          |            | 22.77          |            | 22.95          |            | 23.14          |            | 23.32          |            |
| 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-610-BTC-BG)

|                                            |       |       |       |       |       |
|--------------------------------------------|-------|-------|-------|-------|-------|
| Power Gain                                 | 10%   | 15%   | 20%   | 25%   | 30%   |
| Maximum Power -P <sub>mp</sub> (W)         | 671   | 702   | 732   | 763   | 793   |
| Open Circuit Voltage -V <sub>oc</sub> (V)  | 48.92 | 48.92 | 48.92 | 48.92 | 48.92 |
| Short Circuit Current -I <sub>sc</sub> (A) | 17.46 | 18.25 | 19.04 | 19.84 | 20.63 |
| Maximum Power Voltage -V <sub>mp</sub> (V) | 40.71 | 40.71 | 40.71 | 40.71 | 40.71 |
| Maximum Power Current -I <sub>mp</sub> (A) | 16.49 | 17.24 | 17.99 | 18.74 | 19.49 |

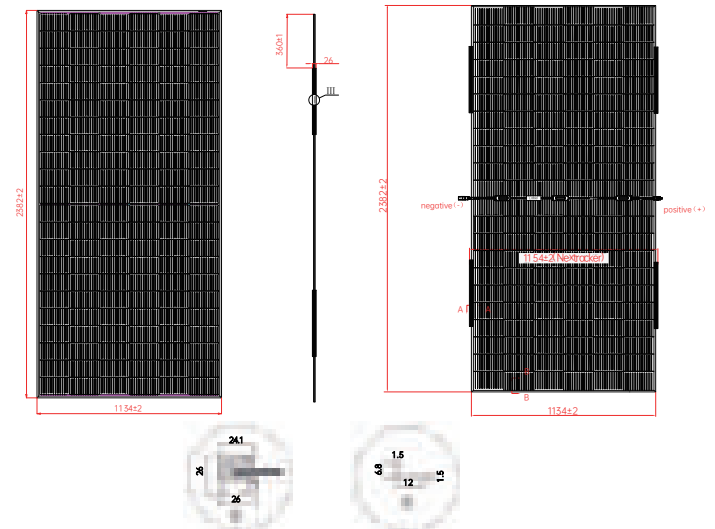
## Temperature Ratings

|                              |             |
|------------------------------|-------------|
| 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         | 30 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

