**Sable 570-585W**

High efficiency monofacial modules

**TOPCon 182mm**

**TOPCon MODULE ADVANTAGE**

- Multi-Busbar technology
- Superior load capacity
- High module efficiency
- Excellent low-light performance
- Lower annual attenuation
- Longer warranty
- Reduce hot spot effect
- Higher bifaciality

**INSURANCE**

- Low BOS and LCOE

**WARRANTY**

- Guarantee on product material and workmanship
- Linear power output warranty

**QUALITY SYSTEM**

ISO9001 / ISO14001 / ISO45001

**PRODUCT CERTIFICATION**

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Tel: +86-564-7736177 Email: info@seraphim-energy.com
## Electrical Characteristics

<table>
<thead>
<tr>
<th>Module Type</th>
<th>SRP-570-BTA-HV</th>
<th>SRP-575-BTA-HV</th>
<th>SRP-580-BTA-HV</th>
<th>SRP-585-BTA-HV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Power at STC (Pmp)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STC NOCT</td>
<td>570 429</td>
<td>575 433</td>
<td>580 437</td>
<td>585 441</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>51.70 49.12</td>
<td>51.90 49.31</td>
<td>52.10 49.50</td>
<td>52.30 49.69</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>13.95 11.16</td>
<td>14.01 11.21</td>
<td>14.07 11.26</td>
<td>14.13 11.30</td>
</tr>
<tr>
<td>Max. Power Voltage (Vmp)</td>
<td>43.00 40.44</td>
<td>43.20 40.65</td>
<td>43.40 40.86</td>
<td>43.60 41.05</td>
</tr>
<tr>
<td>Module Efficiency at STC(ηm)</td>
<td>22.07 22.26</td>
<td>22.26 22.45</td>
<td>22.45 22.65</td>
<td></td>
</tr>
<tr>
<td>Power Tolerance(W)</td>
<td>(0, +4.99)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. System Voltage</td>
<td>1500V DC</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Max. Series Fuse Rating</td>
<td>25 A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STC**: Irradiance 1000 W/m² module temperature 25°C AM=1.5
Power measurement tolerance: ±1.5%

## Temperature Characteristics

- Pmax Temperature Coefficient: -0.29 %/°C
- Voc Temperature Coefficient: -0.25 %/°C
- Isc Temperature Coefficient: +0.046 %/°C
- Operating Temperature: -40 ~ +85 °C
- Nominal Operating Cell Temperature(NOCT): 45±2 °C

## Mechanical Specifications

- External Dimensions: 2278 x 1134 x 35 mm
- Weight: 27.0 kg
- Solar Cells: TOPCon 182 x 91mm (144 pcs)
- Front Glass: 3.2mm AR coating tempered glass, low iron
- Frame: Anodized aluminium alloy
- Junction Box: IP68, 3 diodes
- Output Cables: 4.0mm², 250mm(+)/350mm(-) or Customized Length
- Mechanical Load: Front side 5400Pa/ Rear side 2400Pa

## Packing Configuration

<table>
<thead>
<tr>
<th>Container</th>
<th>20' GP</th>
<th>40' HQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pieces per Pallet</td>
<td>51+4*</td>
<td>31</td>
</tr>
<tr>
<td>Pallets per Container</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>Pieces per Container</td>
<td>140</td>
<td>620</td>
</tr>
</tbody>
</table>

For details, please consult SERAPHIM.