Seraphim
Seco
595-610W
High efficiency monofacial modules

• PERC MODULE ADVANTAGE
  - Less mismatch to get more power
  - Less power loss by minimizing the shading impact
  - Excellent low-light performance
  - Low BOS and LCOE
  - 3 times EL test to ensure best quality
  - Superior load capacity 2400 Pa wind load & 5400 Pa snow load

• QUALITY SYSTEM
  ISO9001 / ISO14001 / ISO45001

• PRODUCT CERTIFICATION

• INSURANCE
  PICC

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

Additional Value from Linear Warranty

SERAPHIM ENERGY GROUP CO., LTD.
Add: NO.18, Shichuan Road, Jinzhai Economic Development Zone, Lu’an City, Anhui Province
Tel: +86-564-7736177  Email: info@seraphim-energy.com
Electrical Characteristics

<table>
<thead>
<tr>
<th>Module Type</th>
<th>SRP-595-BMB-HV</th>
<th>SRP-600-BMB-HV</th>
<th>SRP-605-BMB-HV</th>
<th>SRP-610-BMB-HV</th>
</tr>
</thead>
<tbody>
<tr>
<td>STC NOCT</td>
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</tr>
<tr>
<td>Maximum Power at STC (Pmp)</td>
<td>595 446</td>
<td>600 450</td>
<td>605 454</td>
<td>610 458</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>41.49 39.42</td>
<td>41.69 39.61</td>
<td>41.89 39.80</td>
<td>42.09 39.99</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>18.34 14.67</td>
<td>18.40 14.72</td>
<td>18.46 14.77</td>
<td>18.52 14.82</td>
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<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>34.38 32.22</td>
<td>34.58 32.40</td>
<td>34.78 32.58</td>
<td>34.98 32.75</td>
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<tr>
<td>Maximum Power Current (Imp)</td>
<td>17.31 13.85</td>
<td>17.36 13.89</td>
<td>17.41 13.93</td>
<td>17.46 13.97</td>
</tr>
</tbody>
</table>

Power Tolerance(W) (0, +4.99)
Maximum System Voltage 1500V DC
Maximum Series Fuse Rating 30 A

Temperature Characteristics

- Pmax Temperature Coefficient -0.34 %/°C
- Voc Temperature Coefficient -0.25 %/°C
- Isc Temperature Coefficient +0.04 %/°C
- Operating Temperature -40 ~ +85 °C
- Nominal Operating Cell Temperature(NOCT) 45±2 °C

Mechanical Specifications

- External Dimensions 2172 x 1303 x 33 mm
- Weight 29.5 kg
- Solar Cells PERC Mono (120pcs)
- 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>2172 x 1303 x 33 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pieces per Pallet</td>
<td>33</td>
</tr>
<tr>
<td>Pallets per Container</td>
<td>18</td>
</tr>
<tr>
<td>Pieces per Container</td>
<td>594</td>
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</table>

For details, please consult SERAPHIM.