SRP-(365-380)-6MA-HV

Electrical Characteristics (STC)

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Power at STC (Pmp) (W)</th>
<th>Open Circuit Voltage (Voc) (V)</th>
<th>Short Circuit Current (Isc) (A)</th>
<th>Maximum Power Voltage (Vmp) (V)</th>
<th>Maximum Power Current (Imp) (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRP-380-6MA-HV</td>
<td>380</td>
<td>47.6</td>
<td>9.75</td>
<td>46.3</td>
<td>10.02</td>
</tr>
<tr>
<td>SRP-375-6MA-HV</td>
<td>375</td>
<td>48.3</td>
<td>9.52</td>
<td>49.0</td>
<td>9.60</td>
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<td>SRP-370-6MA-HV</td>
<td>370</td>
<td>47.8</td>
<td>9.52</td>
<td>48.9</td>
<td>9.65</td>
</tr>
<tr>
<td>SRP-365-6MA-HV</td>
<td>365</td>
<td>47.6</td>
<td>9.48</td>
<td>46.9</td>
<td>9.44</td>
</tr>
</tbody>
</table>

Temperature Characteristics

- Pmax Temperature Coefficient: -0.36 %/°C
- Voc Temperature Coefficient: -0.28 %/°C (0%/°C at voltage limiting)
- Isc Temperature Coefficient: +0.05 %/°C
- Operating Temperature: -40~+85 °C
- Nominal Operating Cell Temperature (NOCT): 45±2 °C

Electrical Characteristics

- Maximum Power Voltage (Vmp) = 40.9 V
- Power Tolerance: 0/+4.99 W
- Optimizer Max. Output Voltage (V) = 53 V
- Maximum System Voltage (V) = 1500 V
- Maximum Fuse Rating (A) = 10 A
- Open Circuit Voltage (Voc) = 40.9 V
- Short Circuit Current (Isc) = 10 A
- Maximum Power Voltage (Vmp) = 39.4 V
- Maximum Power Current (Imp) = 9.65 A

Packaging Configuration

- Container: 40'HQ
- Pieces per Container: 27
- Pieces per Pallet: 27
- Pallets per Container: 22
- Pallets per Container: 830

Mechanical Specifications

- External Dimensions: 1970 x 992 x 40 mm
- Weight: 22.0 kg
- Solar Cells: Mono crystalline 6 inch (72pcs)
- Front Glass: 3.2 mm AR coating tempered glass, low iron
- Frame: Anodized aluminum alloy
- Junction Box: IP68
- Output Cables: 4 mm², cable length 1200 mm
- Connector: MC4 Compatible

Specifications are subject to change without further notification.

*All Dimensions in mm
*The above drawing is a graphical representation of the product.
Under any condition, the Seraphim MX can optimize power output to enhance energy harvest. However, conventional modules or panel optimizer product will bypass cell-strings when they underperform. So Seraphim MX will give higher energy production, eliminate hot-spots issues.

Seraphim MX reduces the shading effect significantly, prevents hot-spot formation, and eliminates diode failures. In the meantime, it will lower Operation and Maintenance costs.

Seraphim MX enables flexible PV system design. Best performance with easiest installation.

Comparing with conventional product, Seraphim integrated cell-string level optimizer into solar panel and redesigned the module. Trying best to provide advanced smart solution to customers, and improve performance & reliability of the solar panels.

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