SII SERIES
Multiple upgrades were forged into one
425-440w

* SII SERIES
Seraphim redefined the high-efficiency module series by integrating 158.75mm silicon wafers with PERC and half-cut cell technologies. Seraphim panel combined creative technology effectively and extremely improved the module efficiency and power out.

* KEY FEATURES
- Less mismatch to get more power
- Less power loss by minimizing the shading impact
- Competitive low light performance
- 3 times EL test to ensure best quality
- Ideal choice for utility and commercial scale projects by reduced BOS and improve ROI.
- Outstanding reliability proven by PVEL for stringent environment condition:
  - sand, acid, and alkali, hail stones,
  - 2400pa wind load and 5400pa snow load.
- Anti-PID

* QUALITY SYSTEM
ISO19001 / ISO14001 / OHSAS18001

* PRODUCT CERTIFICATION

* INSURANCE
PICC

* WARRANTY

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Electrical Characteristics

<table>
<thead>
<tr>
<th>Module Type</th>
<th>SRP-425-BMZ-HV</th>
<th>SRP-430-BMZ-HV</th>
<th>SRP-435-BMZ-HV</th>
<th>SRP-440-BMZ-HV</th>
</tr>
</thead>
<tbody>
<tr>
<td>STC</td>
<td>425</td>
<td>430</td>
<td>435</td>
<td>440</td>
</tr>
<tr>
<td>Maximum Power at STC (Pmp)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>52.1</td>
<td>52.2</td>
<td>52.4</td>
<td>52.6</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>10.31</td>
<td>10.40</td>
<td>10.47</td>
<td>10.53</td>
</tr>
<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>43.8</td>
<td>43.9</td>
<td>44.1</td>
<td>44.3</td>
</tr>
<tr>
<td>Maximum Power Current (Imp)</td>
<td>9.71</td>
<td>9.80</td>
<td>9.87</td>
<td>9.93</td>
</tr>
<tr>
<td>Module Efficiency at STC(ηm)</td>
<td>19.46</td>
<td>19.69</td>
<td>19.91</td>
<td>20.14</td>
</tr>
</tbody>
</table>

| Power Tolerance | (0,+4.99) |
| Maximum System Voltage | 1500 VDC |
| Maximum Series Fuse Rating | 20A |

Temperature Characteristics

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

Mechanical Specifications

- External Dimensions: 2180 x 1002 x 35 mm
- Weight: 24.0kg
- Solar Cells: PERC Mono(156pcs)
- Front Glass: 3.2 mm AR coating tempered glass, low iron
- Frame: Anodized aluminum alloy
- Junction Box: IP68, 3 diodes
- Output Cable: 4.0 mm², Portrait:255mm(+)/355mm(-);Landscape:1300mm
- Mechanical Load: Front side 5400Pa/ Back side 2400Pa

Packing Configuration

- Container: 2180 x 1002 x 35 mm
- Pieces per Pallet: 20'GP
- Pallets per Container: 31
- Pieces per Container: 310

* 31+2 pieces per pallet is the special package which only suits for container transport. For details, please consult SERAPHIM.

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;