SII SERIES
Multiple upgrades were forged into one
380-395W

* SII SERIES
On the 158.75mm silicon wafers, seraphim rely on the advanced technology and unique understanding of materials throughout the product design, to ensure the stable power output of the module, and effectively improve the efficiency and reliability of the modules.

* 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

Additional Value from Linear Warranty

<table>
<thead>
<tr>
<th>Years</th>
<th>0</th>
<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
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<td>%</td>
<td>100</td>
<td>97.5</td>
<td>97.5</td>
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15 years guarantee on product material and workmanship
25 years linear power output warranty

JIANGSU SERAPHIM SOLAR SYSTEM CO., LTD
Add: No.1-2, Hengyi Rd, Henglin Town, Wujin District, 213000, Changzhou, China
Tel: +86-519-69699879     Fax: +86-519-88786181     Email: info@seraphim-energy.com
## SRP-6MA(-HV) SERIES 6 INCH 72 CELLS

### Electrical Characteristics

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<tr>
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<tbody>
<tr>
<td></td>
<td>STC</td>
<td>NOCT</td>
<td>STC</td>
<td>NOCT</td>
<td>STC</td>
<td>NOCT</td>
<td>STC</td>
<td>NOCT</td>
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<tr>
<td>Maximum Power -Pmp (W)</td>
<td>380</td>
<td>282</td>
<td>385</td>
<td>286</td>
<td>390</td>
<td>290</td>
<td>395</td>
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<tr>
<td>Open Circuit Voltage -Voc (V)</td>
<td>48.3</td>
<td>44.6</td>
<td>48.6</td>
<td>44.8</td>
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<td>Short Circuit Current -Isc (A)</td>
<td>10.02</td>
<td>8.11</td>
<td>10.07</td>
<td>8.18</td>
<td>10.14</td>
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<td>Maximum Power Voltage -Vmp (V)</td>
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<td>39.7</td>
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<td>40.0</td>
<td>37.4</td>
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<td>37.6</td>
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<td>Maximum Power Current -Imp (A)</td>
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<td>7.65</td>
<td>9.70</td>
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<td>9.77</td>
<td>7.76</td>
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<td>Module Efficiency STC-η (%)</td>
<td>19.11</td>
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<td>19.61</td>
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<td>Power Tolerance (W)</td>
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<td>Maximum System Voltage (V)</td>
<td>1000VDC / 1500VDC</td>
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<td>Maximum Series Fuse Rating (A)</td>
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<td>Pmax Temperature Coefficient</td>
<td>-0.36 %/°C</td>
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<td>Voc Temperature Coefficient</td>
<td>-0.28 %/°C</td>
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<td>Isc Temperature Coefficient</td>
<td>+0.05 %/°C</td>
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<td>Operating Temperature</td>
<td>-40~+85 °C</td>
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<td>Nominal Operating Cell Temperature</td>
<td>45±2 °C</td>
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</table>

* STC: Irradiance 1000 W/m², module temperature 25°C AM=1.5
* NOCT: Irradiance 800 W/m², ambient temperature 20°C wind speed: 1m/s Power measurement tolerance: +/-3%

### I-V Curve

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### Mechanical Specifications

- **External Dimension:** 1985 x 1002 x 40mm
- **Weight:** 22.5kg
- **Solar Cells:** PERC Mono crystalline 158.75 x 158.75 mm (72pcs)
- **Front Glass:** 3.2 mm AR coating tempered glass, low iron
- **Frame:** Anodized aluminium alloy
- **Junction Box:** IP68, 3 diodes
- **Output Cables:** 4.0 mm², cable length:1200 mm
- **Mechanical Load:** Front side 5400Pa/ Back side 2400Pa

### Packing Configuration

- **External Dimension:** 1985 x 1002 x 40mm
- **Container:** 20’GP 40’HQ
- **Pieces per Pallet:** 27 27+2*
- **Pallets per Container:** 10 22
- **Pieces per Container:** 270 638

* 27+2 pieces per pallet is the special package which only suits for container transport. For details please consult SRP-6MA-HV.

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* All Dimensions in mm.
* The above drawing is a graphical representation of the product. For engineering quality drawings please contact SRP-6MA-HV.

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