Solar Panel
60-Cell Monocrystalline PERC Panel
PV300-60MMJ / PV305-60MMJ

Highly reliable PV panels to boost performance and aesthetics

- Superior quality control with full automatic production line and 100% EL triple inspection
- Elegant design with black frame
- Excellent mechanical loading and shock resistance performance
- 12-year product warranty and 25-year performance warranty
Solar Panel 60-Cell Monocrystalline PERC Panel
PV300-60MMJ / PV305-60MMJ

**PANEL ELECTRICAL PROPERTIES**

<table>
<thead>
<tr>
<th>PANEL TYPE</th>
<th>PV300-60MMJ</th>
<th>PV305-60MMJ</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STC</strong>(1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panel Power</td>
<td>300</td>
<td>305</td>
</tr>
<tr>
<td>Max. Power Voltage (Vmp)</td>
<td>32.62</td>
<td>32.92</td>
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<tr>
<td>Max. Power Current (Imp)</td>
<td>9.2</td>
<td>9.27</td>
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<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>39.75</td>
<td>39.92</td>
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<tr>
<td>Short Circuit Current (Isc)</td>
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<td>9.71</td>
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<tr>
<td>Maximum System Voltage</td>
<td>1000</td>
<td>Vdc</td>
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<tr>
<td>Maximum Series Fuse Rating</td>
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<td>A</td>
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<tr>
<td>Panel Efficiency</td>
<td>18.3</td>
<td>18.6</td>
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<tr>
<td>Power Tolerance</td>
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<td>W</td>
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<tr>
<td><strong>NOCT</strong>(2)</td>
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<tr>
<td>Panel Power</td>
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<td>227</td>
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<tr>
<td>Max. Power Voltage (Vmp)</td>
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<tr>
<td>Max. Power Current (Imp)</td>
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<td>Open Circuit Voltage (Voc)</td>
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<td>37.44</td>
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<tr>
<td>Short Circuit Current (Isc)</td>
<td>7.78</td>
<td>7.83</td>
</tr>
</tbody>
</table>

**PANEL MECHANICAL PROPERTIES**

- **Cells**: 60 (6 x 10)
- **Cell Type**: Monocrystalline PERC
- **Cell Dimensions**: 156 x 156 mm
- **Dimensions (L x W x H)**: 1050 x 992 x 40 mm
- **Front Design Load (snow)**: 3600 Pa
- **Front Test Load (1)**: 5400 Pa
- **Rear Design Load (wind)**: 2400 Pa
- **Rear Test Load (3)**: 3600 Pa
- **Weight**: 18.1 kg
- **Front Glass**: 3.2mm, AR coated toughened glass
- **Frame**: Black anodized aluminium
- **Junction Box**: IP67
- **Connector Type**: MC4 (PVKST4II-UR, PV-KBT4II-UR)
- **Operating Temperature**: -40 to +85 °C
- **Packaging Information (units per pallet)**: 26

**CERTIFICATIONS & WARRANTY**

- **Panel Certifications**: IEC 61215:2016, IEC61730:2016, CEC listing AU, SII
- **Product Warranty**: 12-year warranty
- **Output Warranty of Pmax**: 25-year linear panel warranty(4)

**TEMPERATURE CHARACTERISTICS**

- **Temperature Coefficient Power (Pm)**: -0.40 % / °C
- **Temperature Coefficient Voltage (Voc)**: -0.29 % / °C
- **Temperature Coefficient Current (Isc)**: 0.04 % / °C
- **Operating Cell Temperature (NOCT)**: 45 ± 2 °C

(1) STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5
(2) NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s
(3) Safety factor of 1.5
(4) 1st year: 97%, 80.2% power output over 25 years

**Linear Warranty + 25-Year Linear Power Warranty**

- Output power ≥ 97%
- Output power ≥ 80.2%

Made in China

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