High Module Conversion Efficiencies

Easy Installation and Handling

Mechanical Load Capability of up to 5400 Pa


ISO9001, OHSAS18001, ISO14001 Certified

Guarantee

- 10-year material & workmanship
- 25-year linear power output

Performance Figures in %

YEAR

- 100%
- 95%
- 90%
- 85%
- 80%
- 0%

Added Value

250W, 255W, 260W Virtus® Module

ReneSola.com
**Virtus® II Module**

**Dimensions**
- 992mm
- 40mm
- 947mm

**I-V Curves**

**Varied Irradiation Efficiencies**

<table>
<thead>
<tr>
<th>Irradiance</th>
<th>200W/m²</th>
<th>400W/m²</th>
<th>600W/m²</th>
<th>800W/m²</th>
<th>1000W/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficiency</td>
<td>15.8%</td>
<td>16.2%</td>
<td>16.2%</td>
<td>16.1%</td>
<td>16.0%</td>
</tr>
</tbody>
</table>

**Electrical Characteristics STC**

<table>
<thead>
<tr>
<th>Model</th>
<th>JC250M-24/Bb</th>
<th>JC255M-24/Bb</th>
<th>JC260M-24/Bb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power (Pmax)</td>
<td>250 W</td>
<td>255 W</td>
<td>260 W</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>0 ~ +5W</td>
<td>0 ~ +5W</td>
<td>0 ~ +5W</td>
</tr>
<tr>
<td>Module Efficiency</td>
<td>15.4%</td>
<td>15.7%</td>
<td>16.0%</td>
</tr>
<tr>
<td>Maximum Power Current (Imp)</td>
<td>8.31 A</td>
<td>8.39 A</td>
<td>8.53 A</td>
</tr>
<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>30.1 V</td>
<td>30.4 V</td>
<td>30.5 V</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>8.83 A</td>
<td>8.86 A</td>
<td>8.95 A</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>37.4 V</td>
<td>37.5 V</td>
<td>37.6 V</td>
</tr>
</tbody>
</table>

Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

**Electrical Characteristics NOCT**

<table>
<thead>
<tr>
<th>Model</th>
<th>JC250M-24/Bb</th>
<th>JC255M-24/Bb</th>
<th>JC260M-24/Bb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power (Pmax)</td>
<td>185 W</td>
<td>189 W</td>
<td>193 W</td>
</tr>
<tr>
<td>Maximum Power Current (Imp)</td>
<td>6.57 A</td>
<td>6.63 A</td>
<td>6.74 A</td>
</tr>
<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>28.2 V</td>
<td>28.5 V</td>
<td>28.6 V</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>7.12 A</td>
<td>7.20 A</td>
<td>7.27 A</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>35.0 V</td>
<td>35.1 V</td>
<td>35.2 V</td>
</tr>
</tbody>
</table>

Values at Normal Operating Cell Temperature, Irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s

**Mechanical Characteristics**

- Cell Type: Virtus II (Polycrystalline) 156 x156 mm, 60 (6x10) pcs in series
- Glass: High Transmission, Low Iron, Tempered Glass
- Frame: Anodized Aluminum Alloy
- Junction Box: IP65/IP67 rated, with bypass diodes
- Dimension: *1640 x 992 x 40 mm
- Output Cable: 4 mm² (EU)/12 AWG (US), 1000 mm
- Weight: 19 Kg
- Installation Hole Location: See Drawing Above

**Characteristics**

- Temperature Coefficient of Voc: -0.30%/°C
- Temperature Coefficient of Isc: 0.04%/°C
- Temperature Coefficient of Pmax: -0.40%/°C
- Nominal Operating Cell Temperature (NOCT): 45°C ± 2°C

**Packaging Information**

- Container: 20' GP, 40' GP, 40' HQ
- Pallets per Container: 12, 28, 28
- Pieces per Container: 300, 700, 770

**Maximum Ratings**

- Operating Temperature: -40°C ~ +85°C
- Maximum System Voltage: 1000VDC (EU) / 600VDC (US)
- Maximum Series Fuse Rating: 20A (EU) / 15A (US)

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[See Drawing Above]

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