THE DUOMAX DUAL GLASS 72-CELL MODULE

72 CELL MULTICRYSTALLINE MODULE

320-340W POWER OUTPUT RANGE

17.3% MAXIMUM EFFICIENCY

0~+5W POSITIVE POWER TOLERANCE

Highly reliable due to stringent quality control
- PID resistant and free of snail trails
- Increased module robustness to minimize micro-cracks
- 100% EL double inspection

Enhanced safety
- Fire class A certified by TUV Rheinland according to fire test IEC 61730-2/MST 23
- Fire type13 (UL 1703)

Increased value
- Higher maximum system voltage reduces BOS costs
- 30 year linear warranty
- 0.5% annual degradation
- Low thermal coefficients for more energy production at higher temperatures

Certified to withstand the most challenging environmental conditions
- Module coating resistant to sand, acid, and alkali
- 2400 Pa wind load
- 5400 Pa snow load
- 35 mm hail stones at 97 km/h

Founded in 1997, Trina Solar is the world’s leading comprehensive solutions provider for solar energy. We believe close cooperation with our partners is critical to success. Trina Solar now distributes its PV products to over 60 countries all over the world. Trina is able to provide exceptional service to each customer in each market and supplement our innovative, reliable products with the backing of Trina as a strong, bankable partner. We are committed to building strategic, mutually beneficial collaboration with installers, developers, distributors and other partners.

Trina Solar’s DUOMAX Linear Performance Warranty

- 0.5% Annual Degradation Over 30 years

Trina Solar’s DUOMAX M PLUS Linear Warranty

- Additional value from Trina Solar’s DUOMAX Warranty
DUAL GLASS 72-CELL MODULE

WARRANTY
10 year Product Workmanship Warranty
30 year Linear Power Warranty

PACKAGING CONFIGURATION
Modules per box: 33 pieces
Modules per 40’ container: 726 pieces

ELECTRICAL DATA (STC)

<table>
<thead>
<tr>
<th>Peak Power Watts-PMAX (Wp)*</th>
<th>320</th>
<th>325</th>
<th>330</th>
<th>335</th>
<th>340</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Output Tolerance-PMAX (W)</td>
<td>0 - +5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Power Voltage-VMP (V)</td>
<td>37.2</td>
<td>37.4</td>
<td>37.6</td>
<td>37.8</td>
<td>38.0</td>
</tr>
<tr>
<td>Maximum Power Current-IMP (A)</td>
<td>8.60</td>
<td>8.69</td>
<td>8.78</td>
<td>8.87</td>
<td>8.95</td>
</tr>
<tr>
<td>Open Circuit Voltage-VOM (V)</td>
<td>45.4</td>
<td>45.6</td>
<td>45.8</td>
<td>46.0</td>
<td>46.2</td>
</tr>
<tr>
<td>Short Circuit Current-ISCM (A)</td>
<td>9.23</td>
<td>9.27</td>
<td>9.31</td>
<td>9.35</td>
<td>9.39</td>
</tr>
<tr>
<td>Module Efficiencyηm (%</td>
<td>16.3</td>
<td>16.6</td>
<td>16.8</td>
<td>17.1</td>
<td>17.3</td>
</tr>
</tbody>
</table>

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
*Measuring tolerance: ±3%.

ELECTRICAL DATA (NOCT)

<table>
<thead>
<tr>
<th>Peak Power Watts-PMAX (Wp)</th>
<th>237</th>
<th>241</th>
<th>245</th>
<th>249</th>
<th>252</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power Voltage-VMP (V)</td>
<td>34.4</td>
<td>34.6</td>
<td>34.8</td>
<td>35.0</td>
<td>35.2</td>
</tr>
<tr>
<td>Maximum Power Current-IMP (A)</td>
<td>6.90</td>
<td>6.97</td>
<td>7.04</td>
<td>7.11</td>
<td>7.18</td>
</tr>
<tr>
<td>Open Circuit Voltage-VOM (V)</td>
<td>42.0</td>
<td>42.2</td>
<td>42.4</td>
<td>42.6</td>
<td>42.8</td>
</tr>
<tr>
<td>Short Circuit Current-ISCM (A)</td>
<td>7.45</td>
<td>7.48</td>
<td>7.52</td>
<td>7.55</td>
<td>7.58</td>
</tr>
</tbody>
</table>

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL DATA

Solar Cells Multicrystalline 156.75 × 156.75 mm (6 inches)
Cell Orientation 72 cells (6 × 12)
Module Dimensions 1978 × 992 × 6 mm (77.9 × 39.1 × 0.98 inches)
1982 × 996 × 6 mm (78.0 × 39.2 × 0.98 inches)
1984 × 998 × 7.6 mm (78.1 × 39.3 × 0.98 inches)
Weight 28.0 kg (61.7 lb)
Front Glass 2.5 mm (0.10 inches), High Transmission, AR Coated Heat Strengthened Glass
White
Back Glass 2.5 mm (0.10 inches), Heat Strengthened Glass
Frame Frameless
J-Box IP 67 or IP 68 rated
Cables Photovoltaic Technology Cable 4.0 mm² (0.006 inches²)
Portrait: 140/285 mm (5.5/11.2 inches)
Landscape: 1400/1400 mm (55.1/55.1 inches)
Connector UTX/MC4-EVO2
Fire Type Type 1 or Type 2

TEMPERATURE RATINGS

NOCT:Nominal Operating Cell Temperature 44°C (±2°C)
Temperature Coefficient of PMAX - 0.41%/°C
Temperature Coefficient of VMP - 0.32%/°C
Temperature Coefficient of ISCM 0.05%/°C

MAXIMUM RATINGS

Operational Temperature -40~+85°C
Maximum System Voltage 1500V DC (IEC)
1000V DC (UL)
Max Series Fuse Rating 15A

WARRANTY

10 year Product Workmanship Warranty
30 year Linear Power Warranty

PACKAGING CONFIGURATION

Modules per box: 33 pieces
Modules per 40’ container: 726 pieces

MORE OPTIONS

More Options □ Compact AR Coating □ POE (Polyolefin Elastomer) Adhesive

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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