Maximize limited space with top-end efficiency

- Up to 186 W/m² power density
- Low thermal coefficients for greater energy production at high operating temperatures

Excellent low light performance on cloudy days, mornings and evenings

- Back surface field
- Monocrystalline cells with advanced Honey surface texturing
- Selective emitter

Improved durability

- Anti PID
- Reduced soiling due to natural cleaning

Enhanced safety

- Fire class A certified by TUV Rheinland according to fire test IEC 61730-2 / MST 23

Increased value

- 1,500 V system voltage reduces BOS costs by increased string length
- 30 year linear warranty
- 0.5% annual degradation

Certified to withstand 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 Solar is able to provide exceptional service to each customer in each market and supplement our innovative, reliable products with the backing of Trina Solar as a strong, bankable partner. We are committed to building strategic, mutually beneficial collaboration with installers, developers, distributors and other partners.

Comprehensive Product And System Certificates

- IEC61215/IEC61730/UL1703/IEC61701/IEC62716
- ISO 9001: Quality Management System
- ISO 14001: Environmental Management System
- ISO14064: Greenhouse Gas Emissions Verification
- OHSAS 18001: Occupational Health and Safety Management System

Trina Solar’s DUOMAX M PLUS Linear Performance Warranty

- Guaranteed Power

- 0.5% Annual Degradation Over 30 years
**ELECTRICAL DATA @ STC**  

<table>
<thead>
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<tbody>
<tr>
<td>Peak Power Watts-PMAX (W)*</td>
<td>335</td>
<td>340</td>
<td>345</td>
<td>350</td>
<td>355</td>
<td>360</td>
<td>365</td>
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<tr>
<td>Power Output Tolerance-PMAX (W)</td>
<td>0/+5</td>
<td>0/+5</td>
<td>0/+5</td>
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<tr>
<td>Maximum Power Voltage-Ump (V)</td>
<td>37.9</td>
<td>38.2</td>
<td>38.4</td>
<td>38.5</td>
<td>38.7</td>
<td>38.9</td>
<td>39.1</td>
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<tr>
<td>Maximum Power Current-Imp (A)</td>
<td>8.84</td>
<td>8.93</td>
<td>9.05</td>
<td>9.09</td>
<td>9.11</td>
<td>9.26</td>
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<tr>
<td>Open Circuit Voltage-Voc (V)</td>
<td>46.3</td>
<td>46.5</td>
<td>46.7</td>
<td>46.9</td>
<td>47.0</td>
<td>47.2</td>
<td>47.3</td>
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<tr>
<td>Module Efficiency ηm (%)</td>
<td>17.1</td>
<td>17.3</td>
<td>17.6</td>
<td>17.8</td>
<td>18.1</td>
<td>18.3</td>
<td>18.6</td>
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**ELECTRICAL DATA @ NOCT**

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<td>Maximum Power-Pmax (Wp)</td>
<td>250</td>
<td>253</td>
<td>257</td>
<td>261</td>
<td>264</td>
<td>268</td>
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<tr>
<td>Maximum Power Voltage-Ump (V)</td>
<td>35.1</td>
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<td>35.8</td>
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<tr>
<td>Maximum Power Current-Imp (A)</td>
<td>7.12</td>
<td>7.19</td>
<td>7.25</td>
<td>7.33</td>
<td>7.40</td>
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<td>7.54</td>
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<tr>
<td>Open Circuit Voltage-Voc (V)</td>
<td>43.1</td>
<td>43.2</td>
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<td>43.7</td>
<td>43.8</td>
<td>43.9</td>
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<tr>
<td>Short Circuit Current-Isc (A)</td>
<td>7.56</td>
<td>7.63</td>
<td>7.67</td>
<td>7.75</td>
<td>7.82</td>
<td>7.88</td>
<td>7.95</td>
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</tbody>
</table>

**MECHANICAL DATA**

- **Solar Cells**: Monocrystalline 156.75 × 156.75 mm
- **Cell Orientation**: 72 cells (6 x 12)
- **Module Dimensions**: 1978 × 992 × 6 mm with edge banding
- **Weight**: 28.0 kg
- **Front Glass**: 2.5 mm, high transparency, AR coated and heat strengthened glass
- **EVA**: White
- **Back Glass**: 2.5 mm, heat strengthened glass
- **Frame**: Frameless
- **J-Box**: IP 67 rated or IP 68 rated
- **Cables**: Photovoltaic Technology Cable 4.0 mm²
  - Portrait: 140/285 mm
  - Landscape: 1400/1400 mm
- **Connector**: EU Countries: TS4 / UTX, Non-EU Countries: QC4 / TS4

**TEMPERATURE RATINGS**

- **Nominal Operating Cell Temperature (NOCT)**: 44°C (±2K)
- **Temperature Coefficient of PMAX**: -0.39% / K
- **Temperature Coefficient of Voc**: -0.29% / K
- **Temperature Coefficient of Im**: 0.05% / K

**WARRANTY**

- **10 year Product Workmanship Warranty**
- **30 year Linear Performance Warranty**

**SPECIAL FEATURES**

- **Temperature Coefficient of Voc**: -0.29%/K
- **Temperature Coefficient of PMAX**: -0.39%/K
- **Connector**: EU Countries: TS4 / UTX, Non-EU Countries: QC4 / TS4
- **Cables**: Photovoltaic Technology Cable 4.0 mm²
- **J-Box**: IP 67 rated or IP 68 rated
- **Frame**: Frameless
- **EVA**: White
- **Back Glass**: 2.5 mm, heat strengthened glass
- **Weight**: 28.0 kg
- **Dimensions**: 1978 × 992 × 6 mm
- **Cell Orientation**: 72 cells (6 x 12)
- **Solar Cells**: Monocrystalline 156.75 × 156.75 mm
- **Series Fuse Rating**: 15 A

**MAXIMUM RATINGS**

- **Operational Temperature**: -40 to +85°C
- **Maximum System Voltage**: 1500 VDC (IEC)
  - 1000 VDC (UL)
- **Max Series Fuse Rating**: 15 A
- **Mechanical Load**: 5400 Pa
- **Wind Load**: 2400 Pa

**MORE OPTIONS**

- **Compacted AR (Anti-reflective) coating**
- **POE (Polyolefin Elastomer) foil**

**CAUTION**

- Read safety and installation instructions before using the product.
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