Maximize limited space with top-end efficiency

- Up to 191 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

19.1%
MAXIMUM EFFICIENCY

0/+5W
POSITIVE POWER TOLERANCE

340–375W
POWER OUTPUT RANGE

72 CELL
MONOCRYSTALLINE MODULE

Established 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/UL777/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
EU-28 WEEE
COMPLIANT
RECYCLABLE
PACKAGING

Trina Solar’s DUOMAX M PLUS Linear Performance Warranty

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**ELECTRICAL DATA @ STC**

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</thead>
<tbody>
<tr>
<td>Peak Power Watts-P_{MAX}(Wp)*</td>
<td>340</td>
<td>345</td>
<td>350</td>
<td>355</td>
<td>360</td>
<td>365</td>
<td>370</td>
<td>375</td>
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<tr>
<td>Power Output Tolerance-P_{MAX}(W)</td>
<td>0/+5</td>
<td>0/+5</td>
<td>0/+5</td>
<td>0/+5</td>
<td>0/+5</td>
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<tr>
<td>Maximum Power Voltage-V_{MP}(V)</td>
<td>38.1</td>
<td>38.4</td>
<td>38.8</td>
<td>39.1</td>
<td>39.2</td>
<td>39.5</td>
<td>39.7</td>
<td>40.0</td>
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<tr>
<td>Open Circuit Voltage-V_{OC}(V)</td>
<td>46.3</td>
<td>46.4</td>
<td>46.6</td>
<td>46.7</td>
<td>46.9</td>
<td>47.1</td>
<td>47.3</td>
<td>47.5</td>
</tr>
<tr>
<td>Module Efficiency ef (%)</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>
<td>18.9</td>
<td>19.1</td>
</tr>
</tbody>
</table>

* Measuring tolerance: ±3%

**STC:** Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5

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

**MECHANICAL DATA**

- **Solar Cells:** Monocrystalline 156.75 × 156.75 mm
- **Cell Orientation:** 72 cells (6 x 12)
- **Module Dimensions:**
  - 1978 × 992 × 6 mm (GLASS TO GLASS)
  - 1984 × 998 × 7.6 mm with corner protector (Std)*
  - 1982 × 996 × 6 mm with edge banding
  - 1984 × 996 × 6 mm with edge banding and corner protector (Std)*
- **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:** MC4 EVD2/UTX/TS4

- **MORE OPTIONS**
  - Compact AR (Antireflective) coating
  - POE (Polyolefin Elastomer) foil

**WARRANTY**

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

*(Please refer to product warranty for details)*

**P-V CURVES OF PV MODULE (365W)**

**I-V CURVES OF PV MODULE (365W)**

**DIMENSIONS OF PV MODULE TSM-DEG14 (II)**

**PACKAGING CONFIGURATION**

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

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