Great for residential rooftop application
- Maximize limited space with up to 199 W/m² power density
- Ultra-thin, virtually invisible busbars

Half-cut cell design brings higher efficiency
- Low thermal coefficients for higher energy yield at elevated operating temperatures
- Reduced interconnection losses

Highly reliable due to stringent quality control
- Over 30 in-house tests (UV, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant
- 2x 100% inline EL inspection

Certified to withstand challenging environmental conditions
- Salt Mist Corrosion
- Ammonia Corrosion
- Blowing Sand

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 Salt Mist Corrosion
IEC62716 Ammonia Corrosion
IEC60068 Blowing Sand
ISO9001, ISO14001, OHSAS18001

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty

Trina standard
Industry standard
**DIMENSIONS OF PV MODULE**

**TSM-DE06M.08(II) (unit: mm)**

**ELECTRICAL DATA @ STC**

- **Peak Power Watts (Wp)**: 330 / 335 / 340
- **Power Output Tolerance**: 0/+5 / 0/+5 / 0/+5
- **Maximum Power Voltage (V)**: 33.8 / 34.0 / 34.2
- **Maximum Power Current (A)**: 9.76 / 9.85 / 9.94
- **Open Circuit Voltage (V)**: 40.6 / 40.7 / 41.1
- **Short Circuit Current (A)**: 10.4 / 10.5 / 10.6
- **Module Efficiency (η)**: 19.4 / 19.7 / 19.9

<table>
<thead>
<tr>
<th>Model</th>
<th>TSM-330 DE06M.08(II)</th>
<th>TSM-335 DE06M.08(II)</th>
<th>TSM-340 DE06M.08(II)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Watt</strong></td>
<td>330</td>
<td>335</td>
<td>340</td>
</tr>
<tr>
<td><strong>Voltage (V)</strong></td>
<td>33.8</td>
<td>34.0</td>
<td>34.2</td>
</tr>
<tr>
<td><strong>Current (A)</strong></td>
<td>9.76</td>
<td>9.85</td>
<td>9.94</td>
</tr>
<tr>
<td><strong>Efficiency (%)</strong></td>
<td>19.4</td>
<td>19.7</td>
<td>19.9</td>
</tr>
</tbody>
</table>

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

**MECHANICAL DATA**

- **Solar Cells**: Monocrystalline
- **Cell Orientation**: 120 cells (6 x 20)
- **Module Dimensions**: 1698 x 1004 x 35 mm
- **Weight**: 18.7 kg
- **Glass**: 3.2 mm, High Transmission, AR Coated Heat Strengthened Glass
- **Encapsulant Material**: EVA
- **Backsheet**: White
- **Frame**: 35mm Black Anodized Aluminum Alloy
- **J-Box**: IP 68 rated
- **Cables**: Photovoltaic Cable 4.0mm², Portrait: N 140mm/P 295mm, Landscape: N 1200 mm / P 1200 mm
- **Connector**: TS4

**TEMPERATURE RATINGS**

- **NMOT (Nominal Module Operating Temperature)**: 41°C (±3K)
- **Temperature Coefficient of Pmax**: -0.37%/K
- **Temperature Coefficient of Voc**: -0.29%/K
- **Temperature Coefficient of Isc**: 0.05%/K

**MAXIMUM RATINGS**

- **Operational Temperature** -40 to +95°C
- **Maximum System Voltage**: 1500V DC (IEC) / 1500V DC (UL)
- **Max Series Fuse Rating**: 20 A
- **Snow Load**: 5400 Pa (3600 Pa*)
- **Wind Load**: 2400 Pa (1600 Pa*)

*Design load with safety factor 1.5 (DO NOT connect Fuses in Combiner Box with two or more strings in parallel connection)

**PACKAGING CONFIGURATION**

- **Modules per box**: 30 pieces
- **Modules per 40’ container**: 720 pieces

**WARRANTY**

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

(These figures reflect the latest available information. Please ensure to check the latest datasheet for the most up-to-date specifications.)