Trina Solar is the world's leading comprehensive solutions provider for solar energy. Founded in 1997, 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

High power output
• Multi busbar technology combined with mono PERC cells
• Maximize limited space with up to 199 W/m² power density

Outstanding visual appearance
• Ideal for residential rooftop application
• Designed with aesthetics in mind
• 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
• 2x100% inline EL ispection

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

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty

Additional value from Trina Solar’s linear warranty
HoneyBlack™

DIMENSIONS OF PV MODULE
TSM-DD06M.05(II) (unit: mm)

ELECTRICAL DATA @ STC

<table>
<thead>
<tr>
<th>Model</th>
<th>P_MAX (Wp)</th>
<th>Power Output Tolerance (W)</th>
<th>U_MPP (V)</th>
<th>I_MPP (A)</th>
<th>U_OC (V)</th>
<th>I_SC (A)</th>
<th>η_m (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSM-320</td>
<td>320</td>
<td>0/+5</td>
<td>33.4</td>
<td>9.58</td>
<td>40.3</td>
<td>10.20</td>
<td>18.8</td>
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<tr>
<td>TSM-325</td>
<td>325</td>
<td>0/+5</td>
<td>33.6</td>
<td>9.67</td>
<td>40.4</td>
<td>10.30</td>
<td>19.1</td>
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<tr>
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<td>0/+5</td>
<td>33.8</td>
<td>9.76</td>
<td>40.6</td>
<td>10.39</td>
<td>19.4</td>
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<tr>
<td>TSM-335</td>
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<td>0/+5</td>
<td>34.0</td>
<td>9.85</td>
<td>40.7</td>
<td>10.48</td>
<td>19.7</td>
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<tr>
<td>TSM-340</td>
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<td>0/+5</td>
<td>34.2</td>
<td>9.94</td>
<td>41.1</td>
<td>10.55</td>
<td>19.9</td>
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</tbody>
</table>

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

ELECTRICAL DATA @ NMOT

<table>
<thead>
<tr>
<th>Model</th>
<th>P_MAX (Wp)</th>
<th>U_MPP (V)</th>
<th>I_MPP (A)</th>
<th>U_OC (V)</th>
<th>I_SC (A)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>241</td>
<td>31.1</td>
<td>7.7</td>
<td>38.0</td>
<td>8.23</td>
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<tr>
<td>TSM-325</td>
<td>245</td>
<td>31.3</td>
<td>7.8</td>
<td>38.1</td>
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<tr>
<td>TSM-330</td>
<td>249</td>
<td>31.5</td>
<td>7.9</td>
<td>38.2</td>
<td>8.38</td>
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<tr>
<td>TSM-335</td>
<td>253</td>
<td>31.7</td>
<td>7.9</td>
<td>38.3</td>
<td>8.45</td>
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<tr>
<td>TSM-340</td>
<td>256</td>
<td>32.0</td>
<td>8.0</td>
<td>38.7</td>
<td>8.50</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 × 1004 × 35 mm
Weight: 18.7 kg
Glass: 3.2 mm, High Transmission, AR Coated Heat Strengthened Glass
Encapsulant Material: EVA
Backsheet: Black
Frame: 35 mm Anodized Aluminium Alloy
J-Box: IP 68 rated
Cables: Photovoltaic Cable 4.0mm², Portrait: N 140mm/P 285mm, Landscape: N 1200 mm / P 1200 mm
Connector: TS4

TEMPERATURE RATINGS

NMOT (Nominal Module Operating Temperature) | 41°C (±3K)
Temperature Coefficient of P_MAX | -0.37%/K
Temperature Coefficient of U_OC | -0.29%/K
Temperature Coefficient of I_SC | 0.05%/K

MAXIMUM RATINGS

Operational Temperature | -40 to +85°C
Maximum System Voltage | 1000V DC (IEC)
Max Series Fuse Rating | 20 A
Snow Load | 5400 Pa (3600 Pa*)
Wind Load | 2400 Pa (1600 Pa*)

PACKAGING CONFIGURATION

Modules per box: 30 pieces
Modules per 40' container: 720 pieces

WARRANTY

10 year Product Workmanship Warranty
25 year Linear Performance Warranty
( Please refer to product warranty for details)