THE DUOMAX™ PLUS DUAL GLASS 72-CELL MODULE

72 CELL MONOCRYSTALLINE MODULE

340-375W POWER OUTPUT RANGE

19.1% 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 TÜV 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

Trina Solar’s DUOMAX M PLUS Linear Performance Warranty

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.

Comprehensive Products And System Certificates
IEC61215/IEC61701/UL1703/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse gases Emissions Verification
OHSAS 18001: Occupation Health and Safety Management System

Trina Solar®

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**ELECTRICAL DATA (STC)**

- **Peak Power Watts-Pmax (Wp)**: 340, 345, 350, 355, 360, 365, 370, 375
- **Power Output Tolerance-Pmax (W)**: +5%
- **Maximum Power Voltage-Vmax (V)**: 381, 384, 388, 391, 392, 395, 397, 40
- **Maximum Power Current-Imax (A)**: 8.93, 8.99, 9.03, 9.08, 9.18, 9.25, 9.32, 9.39
- **Open Circuit Voltage-Voc (V)**: 46.3, 46.4, 46.6, 46.7, 46.9, 47.1, 47.3, 47.5
- **Short Circuit Current-Isc (A)**: 9.41, 9.44, 9.48, 9.52, 9.57, 9.61, 9.66, 9.71
- **Module Efficiency (η) (%):** 17.3, 17.6, 17.8, 18.1, 18.3, 18.6, 18.9, 19.1

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

*Measuring tolerance: ±3%.

**ELECTRICAL DATA (NOCT)**

- **Maximum Power-Pmax (Wp)**: 253, 257, 261, 264, 268, 272, 276, 279
- **Maximum Power Voltage-Vmax (V)**: 35.3, 35.6, 36.0, 36.3, 36.4, 36.6, 36.8, 37.1
- **Maximum Power Current-Imax (A)**: 7.18, 7.22, 7.26, 7.30, 7.38, 7.43, 7.49, 7.54
- **Open Circuit Voltage-Voc (V)**: 43.0, 43.1, 43.3, 43.4, 43.6, 43.8, 44.0, 44.1
- **Short Circuit Current-Isc (A)**: 7.60, 7.62, 7.65, 7.69, 7.73, 7.76, 7.80, 7.84

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

**MECHANICAL DATA**

- **Solar Cells:** Monocrystalline 156.75 × 156.75 mm (6 inches)
- **Cell Orientation:** 72 cells (6 x 12)
- **Module Dimensions:** 1978 × 992 × 7.6 mm (78.1 × 39.3 × 0.3 inches) (Std)
- **Weight:** 28.0 kg (61.7 lb)
- **Front Glass:** 2.5 mm (0.10 inches), High Transmission, AR Coated Heat Strengthened Glass
- **EVA:** 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)
- **Connector:** UTX/MC4-EVO2
- **Fire Type:** Type 13
- **Temperature Coefficient of Voc:** -0.39%/°C
- **Temperature Coefficient of Isc:** 0.05%/°C
- **Temperature Coefficient of Pmax:** -0.09%/°C

**TEMPERATURE RATINGS**

- **NOCT (Nominal Operating Cell Temperature):** 44°C (±2°C)
- **Temperature Coefficient of Voc:** -0.39%/°C
- **Temperature Coefficient of Isc:** 0.05%/°C
- **Temperature Coefficient of Pmax:** -0.09%/°C

**MAXIMUM RATINGS**

- **Operational Temperature:** -40°C to +85°C
- **Maximum System Voltage:** 1500V DC (IEC)
- **Max Series Fuse Rating:** 15A (Power ≤ 365W)
- **(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)**
- **Peak Power Watts-Pmax (W):** 20A (Power ≥ 370W)

**WARRANTY**

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

*(Please refer to product warranty for details)*

**MORE OPTIONS**

- **More Options:** Compact AR Coating, POE (Polyolefin Elastomer) Adhesive

**PACKAGING CONFIGURATION**

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

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

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