As a leading global manufacturer of next generation photovoltaic products, we believe close cooperation with our partners is critical to success. With local presence around the globe, 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 as the backbone of our shared success in driving Smart Energy Together.

**High power output**
- Increased total power output through generation from front and back side
- Backside power gain up to 25%, depending on installation albedo*
- Unique J-box design and installation method to avoid shading on the back side

**Low LCOE**
- Maximize limited space, savings in BOS and labour cost
- Higher power generation from same installation footprint as standard modules
- 30 year linear warranty, 0.5% annual degradation

**Wide application**
- Deployable for ground mounted utility, greenhouse, and agricultural projects
- Special application like sound barriers on expressways
- Compatible with major tracker systems

**Environmental conditions**
- Module coating resistant to sand, acid, and alkali
- High reliability for extreme weather installations

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**Trina Solar’s DUOMAX-Twin Linear Performance Warranty**

- Additional value from Trina Solar's DUOMAX warranty
- Guaranteed Power

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**72 LAYOUT MONOCRYSTALLINE MODULE**

- **350-370W POWER OUTPUT RANGE**
- **18.9% MAXIMUM EFFICIENCY**
- **0~+5W POSITIVE POWER TOLERANCE**

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**Comprehensive Products And System Certificates**

IEC61215/IEC61730/UL1703/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO 14064: Greenhouse gases Emissions Verification
OHSAS 18001: Occupation Health and Safety Management System

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**Trina Solar**
BIFACIAL DUAL GLASS 72-LAYOUT MODULE

WARRANTY
(Please refer to product warranty for details)
- 10 year Product Workmanship Warranty
- 30 year Linear Power Warranty
(Please refer to product warranty for details)

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

ELECTRICAL DATA (STC)
- Peak Power Watts-P_{MAX} (Wp)** 350 355 360 365 370
- Power Output Tolerance-P_{MAX} (%) 0 ± 5
- Maximum Power Voltage-V_{MAX} (V) 39.0 39.2 39.5 39.7 39.8
- Maximum Power Current-I_{P{MAX}} (A) 8.97 9.05 9.13 9.21 9.29
- Open Circuit Voltage-V_{OC} (V) 47.5 47.7 47.9 48.1 48.3
- Short Circuit Current-I_{SC} (A) 9.58 9.65 9.72 9.79 9.86
- Module Efficiency P_{MAX} (%) 17.8 18.1 18.3 18.6 18.9

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

BI-FACIAL OUTPUT - Backside Power Gain
- 10% Power Output(W) 385 391 396 402 407
  Module Efficiency(%) 19.6 19.9 20.1 20.4 20.6
- 15% Power Output(W) 402 408 414 420 425
  Module Efficiency(%) 20.4 20.8 21.0 21.4 21.5
- 25% Power Output(W) 437 444 450 456 462
  Module Efficiency(%) 22.2 22.6 22.9 23.2 23.4

ELECTRICAL DATA (NOCT)
- Maximum Power-PMAX (Wp) 259 263 267 270 274
- Maximum Power Voltage-VMPP (V) 36.2 36.4 36.6 36.7 36.9
- Maximum Power Current-IMPP (A) 7.17 7.23 7.30 7.36 7.42
- Open Circuit Voltage-V_{OC} (V) 44.8 45.0 45.2 45.4 45.6
- Short Circuit Current-I_{SC} (A) 7.74 7.80 7.85 7.91 7.97

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

MECHANICAL DATA
- Solar Cells: Monocrystalline 156.75 × 156.75 mm (6.17 inches)
- Cell Orientation: 72 cells (6 × 12)
- Module Dimensions:
  - Portrait: 1978 × 992 × 6 mm (77.87×39.05×0.24 inches)
  - Landscape: 1982 × 996 × 6 mm (78.03×39.21×0.24 inches) with edge banding
  - 1984 × 998 × 7.6 mm (78.11×39.29×0.29 inches) with corner protector (Std)
- Weight: 28.0kg (61.6 lb)
- Front Glass: 2.5 mm (0.10 inches), High Transmission, AR Coated Heat Strengthened Glass
- Encapsulant material: POE/EVA (Transparent)
- Back Glass: 2.5 mm (0.10 inches), white grid coated, Heat Strengthened Glass
- Frame: Frameless
- J-Box: IP 68 rated
- Cables: Photovoltaic Technology Cable 4.0 mm² (0.006 inches²)
- Portraits: 280/280 mm (11.02/11.02 inches)
- Landscape: 1750/1750 mm (68.89/68.89 inches)
- Connector: Trina TS4

TEMPERATURE RATINGS
- NOCT (Nominal Operating Cell Temperature): 44°C (+2°C)
- Temperature Coefficient of P_{MAX}: -0.39%/°C
- Temperature Coefficient of V_{OC}: -0.29%/°C
- Temperature Coefficient of I_{SC}: 0.05%/°C

MAXIMUM RATINGS
- Operational Temperature: -40° to +85°C
- Maximum System Voltage:
  - IEC: 1500V DC
  - UL: 1000V DC
- Max Series Fuse Rating: 20A

(Do NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

WARRANTY
- 10 year Product Workmanship Warranty
- 30 year Linear Power Warranty
(Please refer to product warranty for details)

DIMENSIONS OF PV MODULE (mm)

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