THE

**DUOMAX twin**

BIFACIAL DUAL GLASS 72 LAYOUT MODULE

72 LAYOUT
MONOCRystALLINE MODULE

385-410W
POWER OUTPUT RANGE

20.2%
MAXIMUM EFFICIENCY

0~+5W
POSITIVE POWER TOLERANCE

Founded in 1997, Trina Solar is the world’s leading total solution provider for solar energy. With local presence around the globe, Trina Solar is able to provide exceptional service to each customer in each market and deliver our innovative, reliable products with the backing of Trina as a strong, bankable brand. Trina Solar now distributes its PV products to over 100 countries all over the world. We are committed to building strategic, mutually beneficial collaborations with installers, developers, distributors and other partners in driving smart energy together.

**Comprehensive Products and System Certificates**

IEC61215/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse Gases Emission Verification
OHSAS 18001: Occupation Health and Safety Management System

Trina Solar’s DUOMAX Linear Performance Warranty

- **Guaranteed Power**
  - +1.6%
  - +2.5%
  - +3.4%
  - +4.3%

- **Additional value from Trina Solar’s DUOMAX warranty**

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<th>Years</th>
<th>Trina’s DUOMAX Linear Warranty</th>
<th>Trina standard</th>
<th>Industry standard</th>
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- 0.5% Annual Degradation Over 30 years
WARRANTY
10 year Product Workmanship Warranty
30 year Linear Power Warranty

PACKAGING CONFIGURATION
Modules per box: 33 pieces
Modules per 40' container: 726 pieces

DIMENSIONS OF PV MODULE (mm)

ELECTRICAL DATA (STC)
Peak Power Watts-Pmax (Wp)*
Power Output Tolerance-Pmax (W)
Maximum Power Voltage-Vmp (V)
Maximum Power Current-Imp (A)
Open Circuit Voltage-Voc (V)
Short Circuit Current-Isc (A)
Module Efficiency ηm (%)

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

ELECTRICAL DATA (NMOT)
Maximum Power-Pmax (Wp)
Maximum Power Voltage-Vmp (V)
Maximum Power Current-Imp (A)
Open Circuit Voltage-Voc (V)
Short Circuit Current-Isc (A)

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

MECHANICAL DATA
Solar Cells
Cell Orientation
Module Dimensions
Weight
Front Glass
Encapsulant material
Back Glass
Frame
J-Box
Cables
Connector

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

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

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