



FRAMED 72-CELL MODULE

72 CELL

MULTICRYSTALLINE MODULE

325-330W

POWER OUTPUT RANGE

18.8%

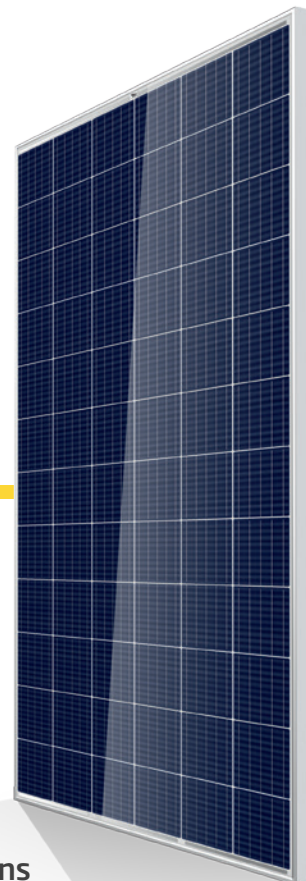
CELL EFFICIENCY

0/+5W

POSITIVE POWER TOLERANCE

Comprehensive Product And System Certificates

IEC61215/IEC61730/UL1703/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse Gas Emissions Verification
OHSAS 18001: Occupational Health and Safety
Management System



Ideal for large scale installations

- High power footprint reduces installation time & BOS costs
- Optimized for tracker installation



One of the industry's most trusted modules

- Field proven performance
- Trina Solar's financial solidity consistently confirmed by banks and investors



Highly reliable due to stringent quality control

- All modules have to pass electroluminescence (EL) inspection
- Over 30 in-house tests (UV, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant
- 1000 V UL/1000 V IEC certified

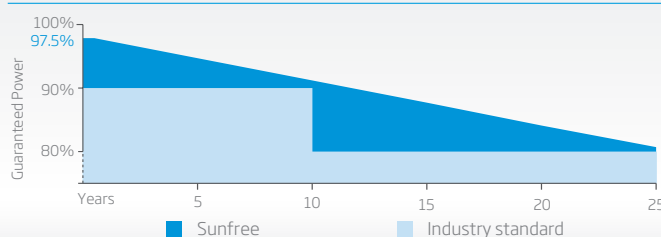


Certified to withstand challenging environmental conditions

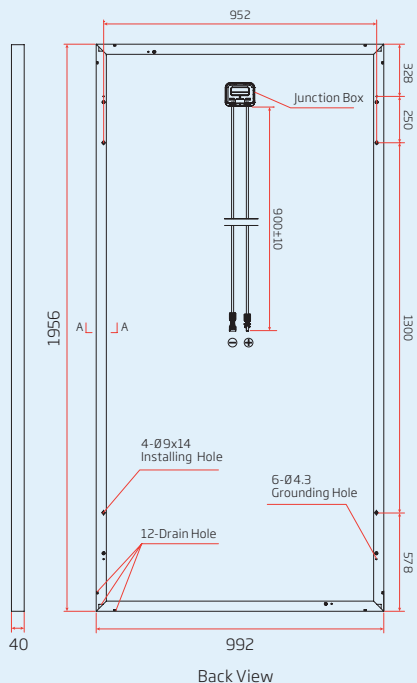
- 130 km/h wind load (2400 Pa)
- 900 kg snow load per module (5400 Pa)
- 35 mm hail stones at 97 km/h
- Ammonia resistance
- Salt mist resistance
- Resistance to sand and dust abrasion

LINEAR PERFORMANCE WARRANTY

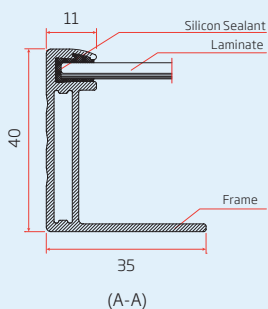
10 Year Product Warranty · 25 Year Linear Power Warranty



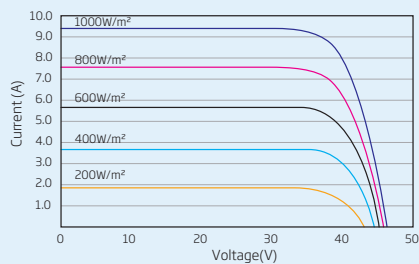
DIMENSIONS OF PV MODULE (unit: mm)



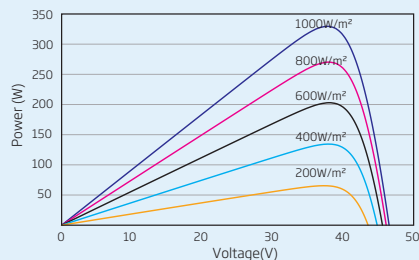
Back View



I-V CURVES OF PV MODULE



P-V CURVES OF PV MODULE



ELECTRICAL DATA (STC)

Peak Power Watts- P_{MAX} (Wp)*	325	330
Power Output Tolerance- P_{MAX} (W)	0/+5	0/+5
Maximum Power Voltage- V_{MPP} (V)	37.2	37.4
Maximum Power Current- I_{MPP} (A)	8.73	8.83
Open Circuit Voltage- V_{OC} (V)	45.6	45.8
Short Circuit Current- I_{SC} (A)	9.19	9.28
Module Efficiency η_m (%)	16.7	17.0

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

* Measuring tolerance: $\pm 3\%$

MECHANICAL DATA

Solar Cells	Multicrystalline 156.75 × 156.75 mm
Cell Orientation	72 cells (6 × 12)
Module Dimensions	1956 × 992 × 40 mm
Weight	22.8 kg
Glass	3.2 mm, high transparency, AR coated and heat tempered solar glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP 67 or IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm², 900 mm
Connector	EU Countries: 28 MC4 / UTX / TS4, Non-EU Countries: 28 QC4 / TS4

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (± 2 K)
Temperature Coefficient of P_{MAX}	- 0.41%/K
Temperature Coefficient of V_{OC}	- 0.32%/K
Temperature Coefficient of I_{SC}	0.05%/K

MAXIMUM RATINGS

Operational Temperature	-40 to +85°C
Maximum System Voltage	1000VDC (IEC) 1000VDC (UL)
Max Series Fuse Rating*	15 A
Mechanical Load	5400 Pa
Wind Load	2400 Pa

* DO NOT connect fuse in combiner box with two or more strings in parallel connection

WARRANTY

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

(Please refer to product warranty for details)

PACKAGING CONFIGURATION

Modules per box:	26 pieces
Modules per 40' container:	616 pieces