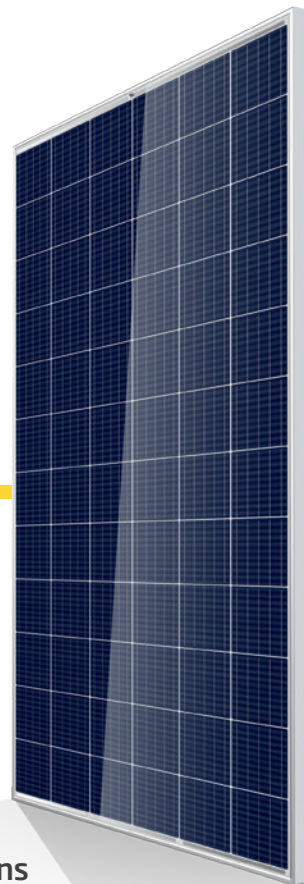




FRAMED 72-CELL MODULE



72 CELL

MULTICRYSTALLINE MODULE

320-325W

POWER OUTPUT RANGE

18.6%

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

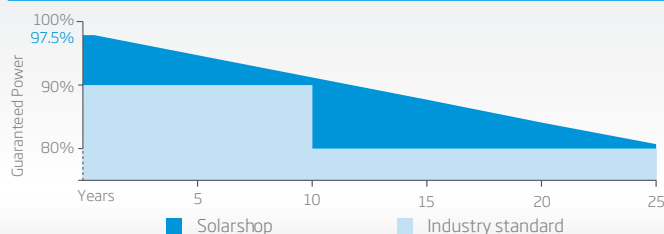


Certified to withstand challenging environmental conditions

- 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

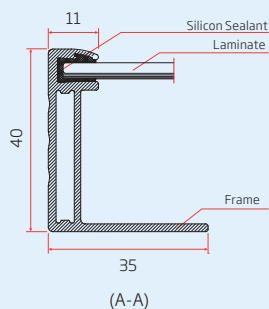
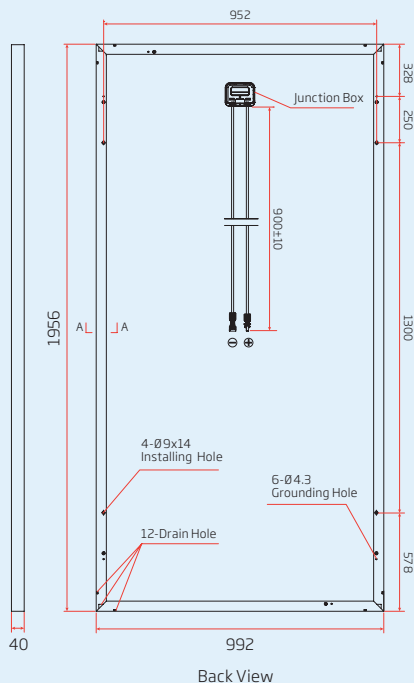
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty

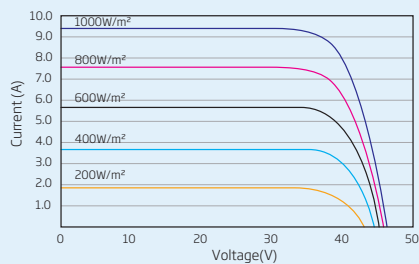




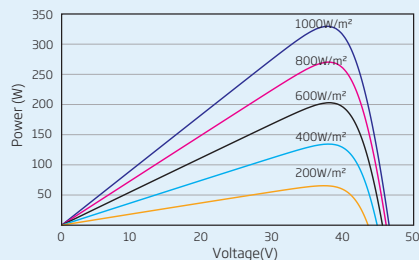
DIMENSIONS OF PV MODULE (unit: mm)



I-V CURVES OF PV MODULE



P-V CURVES OF PV MODULE



ELECTRICAL DATA (STC)

Peak Power Watts-P _{MAX} (Wp)*	320	325
Power Output Tolerance-P _{MAX} (W)	0/+5	0/+5
Maximum Power Voltage-V _{MPP} (V)	36.7	36.8
Maximum Power Current-I _{MPP} (A)	8.72	8.84
Open Circuit Voltage-V _{OC} (V)	46.0	46.1
Short Circuit Current-I _{SC} (A)	9.21	9.33
Module Efficiency η _m (%)	16.5	16.7

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

* Measuring tolerance: ±3%

MECHANICAL DATA

Solar Cells	Multicrystalline 156.75 × 156.75 mm
Cell Orientation	72 cells (6 x 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 4.0mm ² , 900 mm
Connector	EU Countries: 28 MC4 / UTX / TS4, Non-EU Countries: 28 QC4 / TS4

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (±2K)
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