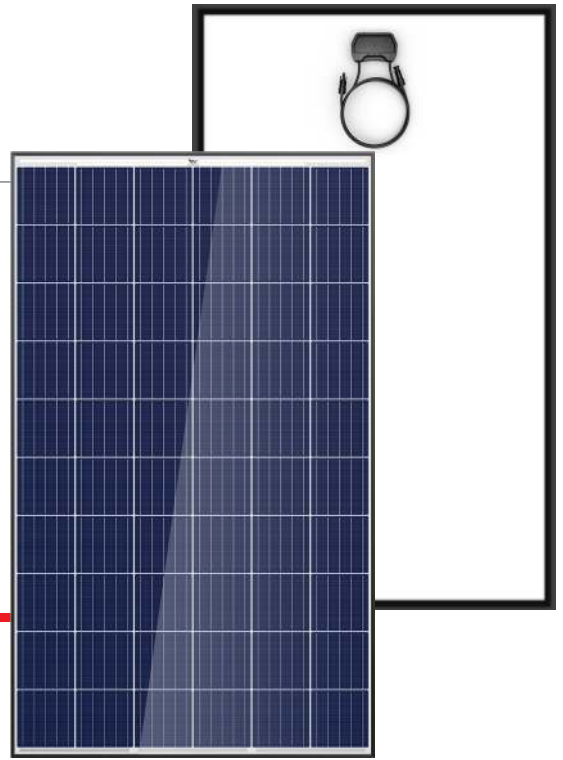


# THE ALLMAX MODULE

POWERED BY **Trina**peak



## CELL STRING OPTIMIZATION

**255-270W**  
POWER OUTPUT RANGE

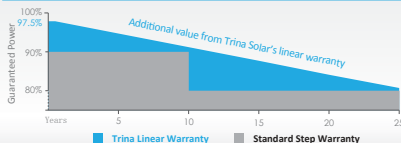
**60CELL**  
MULTICRYSTALLINE MODULE

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.

Trina Solar Limited  
www.trinasolar.com

### LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty



**Trina**solar  
Smart Energy Together



### Maximized Energy Harvest

- Optimization of each cell-string eliminates mismatch losses both within the module and between modules



### Design Flexibility and Higher Energy Density

- Have panels at different orientations on the same string
- Design into shade
- Reduce inter-row spacing



### Improved Performance

- Less susceptible to hot spots



### Highly reliable due to stringent quality control

- Tested to 3 times the IEC certification standard
- 100% EL double inspection



### No Additional Installation Expense

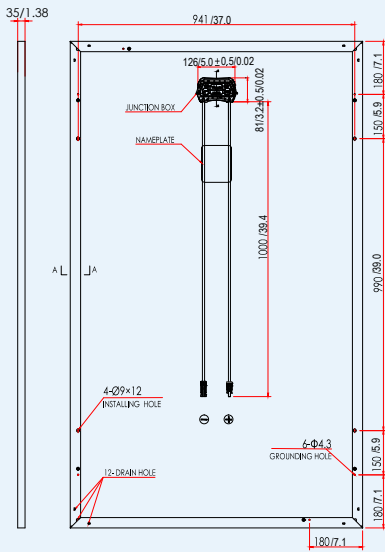
- No change in PV array design
- No additional hardware or communications equipment required

## Comprehensive products and system certificates

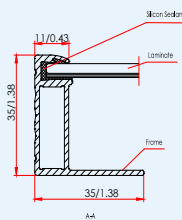
- IEC 61215/ IEC 61730/ UL 1703/ IEC 61701/IEC 62716
- ISO 9001: Quality Management System
- ISO 14001: Environmental Management System
- ISO 14064: Greenhouse Gases Emissions Verification
- OHSAS 18001: Occupation Health and Safety Management System



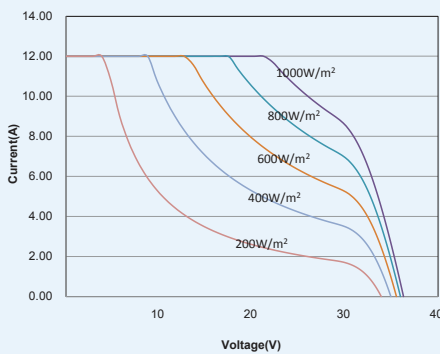
**DIMENSIONS OF PV MODULE**  
unit:mm/inches



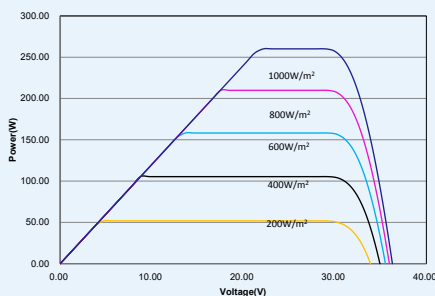
Back view



**I-V CURVES OF PV MODULE (260W)**



**P-V CURVES OF PV MODULE(260W)**



**ELECTRICAL DATA (STC)**

Peak Power Watts- $P_{MAX}$ (Wp)*	255	260	265	270
Power Output Tolerance- $P_{MAX}$ (W)	0~+5			
Maximum Power Voltage- $V_{MPP}$ (V)	28.7	28.8	29.0	29.1
Maximum Power Current- $I_{MPP}$ (A)	8.90	9.04	9.16	9.29
Open Circuit Voltage- $V_{OC}$ (V)	35.8	35.9	36.0	36.1
Maximum Output Current- $I_{MAX}$ (A)	12			
Module Efficiency $\eta_m$ (%)	15.6	15.9	16.2	16.5

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.  
\*Test tolerance: ±3%.

**ELECTRICAL DATA (NOCT)**

Maximum Power- $P_{MAX}$ (Wp)	190	193	197	200
Maximum Power Voltage- $V_{MPP}$ (V)	26.5	26.7	26.8	26.9
Maximum Power Current- $I_{MPP}$ (A)	7.13	7.25	7.37	7.47
Open Circuit Voltage- $V_{OC}$ (V)	33.0	33.2	33.3	33.4
Maximum Output Current- $I_{MAX}$ (A)	12			

NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

**MECHANICAL DATA**

Solar Cells	Multicrystalline 156 × 156 mm (6 inches)
Cell Orientation	60 cells (6 × 10)
Module Dimensions	1650 × 992 × 35 mm (65.0 x 39.1 x 1.38 inches)
Weight	18.6 kg (41.0 lb)
Glass	3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Backsheet	White
Frame	Anodized Aluminium Alloy
J-Box	IP 67 or IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ), 1000 mm (39.4 inches)
Connector	MC4 Compatible
Fire Type	Type 1 or Type 2

**TEMPERATURE RATINGS**

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)
Temperature Coefficient of $P_{MAX}$	-0.41%/°C
Temperature Coefficient of $V_{OC}$	-0.32%/°C
Temperature Coefficient of $I_{MAX}$	0%/°C

**MAXIMUM RATINGS**

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC (UL) 1000V DC (IEC)
Max Series Fuse Rating	15A

**WARRANTY**

10 year Product Workmanship Warranty

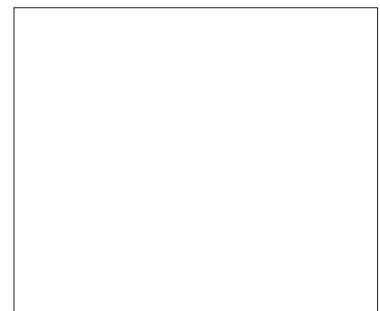
25 year Linear Power warranty

(Please refer to product warranty for details)

**PACKAGING CONFIGURATION**

Modules per box: 30 pieces

Modules per 40' container: 840 pieces



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