THE Honey MODULE







260-275W

POWER OUTPUT RANGE

60 CELL

MULTICRYSTALLINE MODULE

Founded in 1997, Trina Solar is the world's leading comprehensive solutions provider for solar energy. w believe close cooperation with our partners is critical to success. Trina Solar now distributes its PV products to over 60 countries all over the world. 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.

Comprehensive Products And System Certificates

IEC61215/IEC61730/UL1703/IEC61701/IEC62716 ISO 9001: Quality Management System ISO 14001: Environmental Management System

ISO14064: Greenhouse gases Emissions Verification OHSAS 18001: Occupation Health and Safety Management System





















Maximized Energy Harvest

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



Higher Energy Density

- Design into shade
- Reduce inter-row spacing



Design Flexibility and Simplicity

• For any rooftop condition and orientation



Improved Performance

• Less susceptible to hot spots



Highly reliable due to stringent quality control

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



No Additional Installation Expense

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



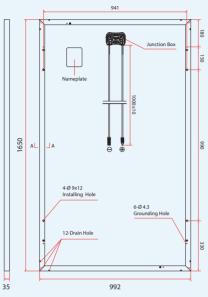




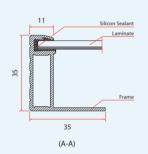
PRODUCTS TSM-PD05.08D POWER RANGE

260-275W

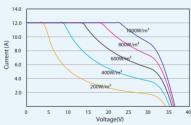
DIMENSIONS OF PV MODULE(mm)



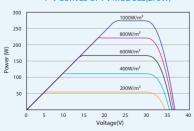
Back View



I-V CURVES OF PV MODULE(275W)



P-V CURVES OF PV MODULE(275W)



ELECTRICAL DATA (STC)

Peak Power Watts-P _{MAX} (Wp)*	260	265	270	275
Power Output Tolerance-P _{MAX} (W)	0~+5			
Maximum Power Voltage-V _{MPP} (V)	28.8	29.0	29.1	29.3
Maximum Power Current-I _{MPP} (A)	9.04	9.16	9.29	9.41
Open Circuit Voltage-Voc (V)	35.9	36.0	36.1	36.2
Short Circuit Current-Isc (A)	12			
Module Efficiency	15.9	16.2	16.5	16.8

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

ELECTRICAL DATA (NOCT)

Maximum Power-P _{MAX} (Wp)	193	197	200	204
Maximum Power Voltage-V _{MPP} (V)	26.7	26.8	26.9	27.0
Maximum Power Current-I _{MPP} (A)	7.25	7.37	7.47	7.57
Open Circuit Voltage-Voc (V)	33.2	33.3	33.4	33.6
Short Circuit Current-Isc (A)	12			

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

MECHANICAL DATA

Solar Cells	Multiproperation of 150 75 v 150 75 page (6 in about	
Solar Cells	Multicrystalline 156.75 × 156.75 mm (6 inches)	
Cell Orientation	60 cells (6 × 10)	
Module Dimensions	1650 × 992 × 35 mm (65.0 × 39.1 × 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	Black Anodized Aluminium Alloy	
J-Box	IP 67 rated	
Cables	Photovoltaic Technology Cable 4.0mm² (0.006 inches²),	
	1000 mm (39.4 inches)	
Connector	итх	

TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	44°C (±2°C)
Temperature Coefficient of PMAX	- 0.41%/°C
Temperature Coefficient of Voc	- 0.32%/°C
Temperature Coefficient of Isc	0%/°C

WARRANTY

10 year Product Workmanship Warranty

25 year Linear Power Warranty

(Please refer to product warranty for details)

MAXIMUM RATINGS

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

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

PACKAGING CONFIGURATION

Modules per box: 30 pieces

Modules per 40' container: 840 pieces

