



MONOCRYSTALLINE MODULE

260-265W

POWER OUTPUT RANGE

16.2%
MAXIMUM EFFICIENCY

0 to +3%
POSITIVE POWER TOLERANCE

TRINA SOLAR: A STRONG AND RELIABLE PARTNER

As a leading global manufacturer of next generation photovoltaic products, Trina Solar is committed to building mutually beneficial alliances with installers, developers, distributors and technological partners as the backbone of our shared goal to drive Smart Energy Together. Thanks to an extensive sales and service network with local expert teams throughout Europe, Trina Solar is perfectly positioned to support your needs. With Trina Solar as your strong, bankable partner you can rest assured knowing that you've made the right choice.

www.trinasolar.com





Great aesthetics for dark roofs

- Dark mono cells
- Black frame and backsheet



Maximize Limited Space with high efficiency

- Up to 162 W/m² power density
- Low thermal coefficients for greater energy production at high operating temperatures



Excellent low light performance on cloudy days, mornings and evenings

- Advanced surface texturing
- Back surface field
- Selective emitter



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



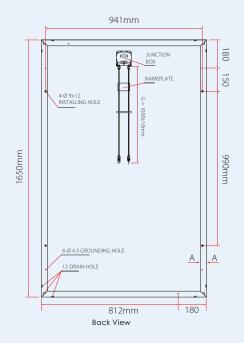
Certified to withstand challenging environmental conditions

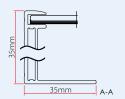
• 35 mm hail stones at 97 km/hr



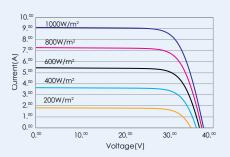
Honey™ IN BLACK

DIMENSIONS OF PV MODULE TSM-DC05A.05





I-V CURVES OF PV MODULE TSM-260 DC05A.05



CERTIFICATION

IEC61215/EN61215 IEC61730/EN61730 IEC 627162 PfG 1917/05.11 IEC 61701 DIN EN 60068-2-68 LC2 MCS BBA 0016











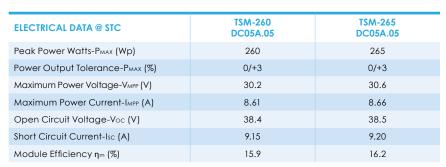












STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200 W/m² according to EN 60904-1.

ELECTRICAL DATA @ NOCT	TSM-260 DC05A.05	TSM-265 DC05A.05
Maximum Power-P _{MAX} (Wp)	190	194
Maximum Power Voltage-U _{MPP} (V)	27.0	27.2
Maximum Power Current-I _{MPP} (A)	7.04	7.13
Open Circuit Voltage-Uoc (V)	34.8	35.0
Short Circuit Current-Isc (A)	7.34	7.40

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

MECHANICAL DATA

Solar Cells	Monocrystalline 156 x 156 mm
Cell Orientation	60 cells (6 x 10)
Module Dimensions	1650 x 992 x 35 mm
Weight	18.6 kg
Glass	High Transparency Solar Glass 3.2 mm
Backsheet	Black
Frame	Black Anodized Aluminium Alloy
J-Box	IP 65 rated
Cables	Photovoltaic Technology Cable 4.0 mm², 1000 mm
Connector	Original MC4

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (±2K)
Temperature Coefficient of PMAX	- 0.41%/K
Temperature Coefficient of Voc	- 0.32%/K
Temperature Coefficient of Isc	0.053%/K

MAX	MUM	RATII	NGS

Operational Temperature	-40 to +85°C	
Maximum System Voltage	1000V DC (IEC)	
Max Series Fuse Rating	15A	
Mechanical Load	5400pa	
Wind Load	2400pa	

WARRANTY

10 year Product Workmanship Warranty25 year Linear Performance Warranty

(Please refer to product warranty for details)

PACKAGING CONFIGURATION

Modules per box: 29 pieces

Modules per 40' container: 812 pieces





