

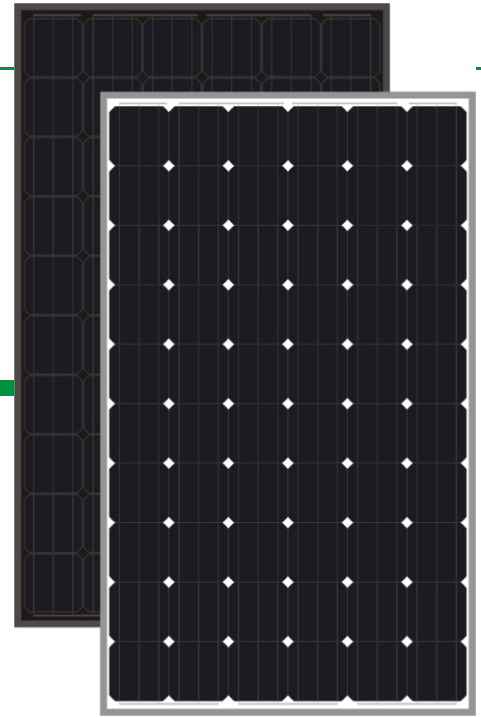
AC Module

**Mono**

Poly

# TDG Solar 255W

T250M606-T260M606  
The Efficient Solution



choose a colour  
black or silver

## 255W

Rated Power Output, Tolerance 0~+5W

## 15.6%

Module Efficiency, Peak Efficiency 16.0%

## 12 YEARS

Warranty on Materials and Workmanship

## 30 YEARS

Power Output Warranty

### Insured by The world's top

Insurance Company  
Manufacturer's Products Liability Policy

#### Why TDG Solar?

-**High Efficiency** is ensured by TDG's superior aesthetic design, production tech, and components accredited by TUV.

-**Best Quality Assurance** comes from rigorous 230 quality control points, more than 8 types' advanced test equipments. These quality control procedures guarantee TDG Module has the highest quality standard.

-**In-house Production** from A to Z.



**Established in 1984**, 29 years manufacturing experience



**230 quality control points**, double electroluminescence screening to eliminate product defects



High temperature and humidity test box to ensure high waterproof standard, Safety Fire Class C accredited by TUV Fire Test MST-23



Guarantee power output **0~+3%**



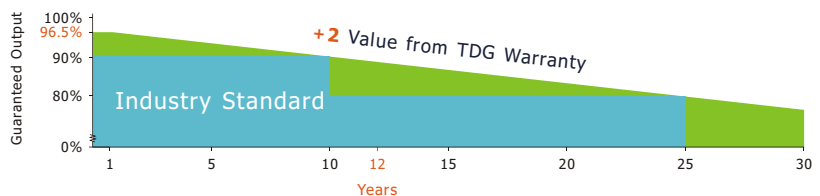
Maximized mechanical loads up to 5400Pa, qualified for installation in cyclone region



Industry leading performance under low irradiance, **+95.5%** module efficiency in **cloudy days, morning and evening**

### Industry Leading Warranty for Linear Performance

10+2 Year Product Warranty • 30 Year Linear Power Warranty



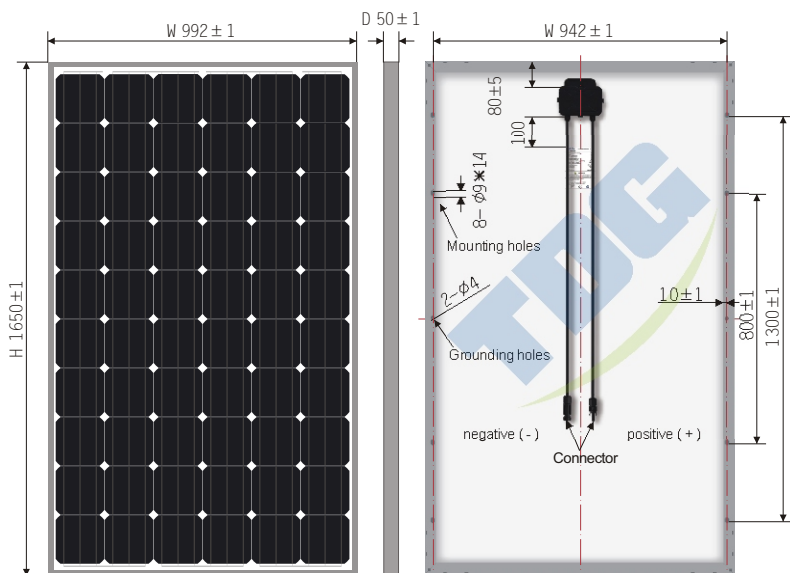
www.mrsolar.com.au

13A Embrey Court, Pakenham, Vic 3810

PO Box 679, Pakenham, Vic 3810

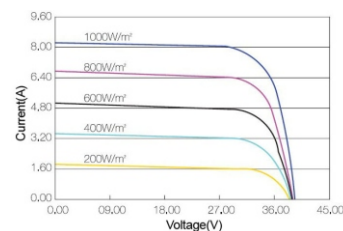
Tel.: 03 5940 9081 Fax: 03 5940 3674 Email: info@mrsolar.com.au

**Technical Drawing and Dimensions (mm)**

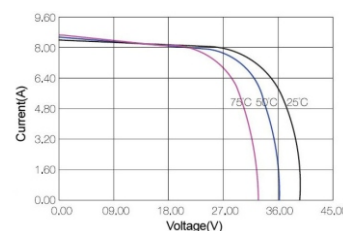


**Current - Voltage Curves**

I-V curve at different irradiances  
Cell temperature = 25 °C



I-V curve under different temperatures



**Electrical Characteristics** **Electrical data at STC (1000 W/m², T=25°C, AM=1.5 )**

Model	T250M606	T255M606	T260M606
Maximum Power at STC(Pmax)	250W	255W	260W
Power Tolerance	0~+3%	0~+3%	0~+3%
Max. Power Voltage(Vmp)	30.7V	30.7V	30.7V
Max. Power Current(Imp)	8.15A	8.30A	8.46A
Open-circuit Voltage(Voc)	38.1V	38.1V	38.1V
Short-circuit Current(Isc)	8.80A	8.88A	8.96A
Module Efficiency	15.3%	15.6%	15.9%

Temperature Ratings	
Normal Operating Cell Temp (NOCT)	47 ± 2°C
Temperature Coefficient of Pmax	-0.456% / °C
Temperature Coefficient of Voc	-0.322% / °C
Temperature Coefficient of Isc	0.042% / °C

Mechanical Specifications	
Cells	Monocrystalline 156 x 156mm ( 6 inches ) 60 pieces ( 10 × 6 )
Glass	3.2mm thickness high-transmission low-iron suede stalinite
Frame	Anodizing film aluminum alloy
Junction Box	IP 67, 6 diodes TÜV certified
Connectors	QC 4
Weight	19.5kg
Size (HX WX D)	1650 x 992x 40mm / 50mm
Mechanical Load	5400Pa
Modules/40' container	616 pcs / 28 pallets

Maximum Ratings	
Maximum Series Fuse Rating	15A
Maximum System Voltage	1000V DC
Operating Temperature	-40°C~+85°C



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