

# TYNP62609230

High Quality  
Poly-Crystalline  
Photovoltaic Module



IEC 61215  
IEC 61730  
Snow Load  
Resistance  
[www.tuv.com](http://www.tuv.com)  
ID 0000023840



## Feature

1. Bypass diode minimizes the power drop by shade.
2. White tempered glass, EVA resin, weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
3. Waterproof (UL94, V-O ). Perfect for grid applications.
4. Product guarantee 5 years.

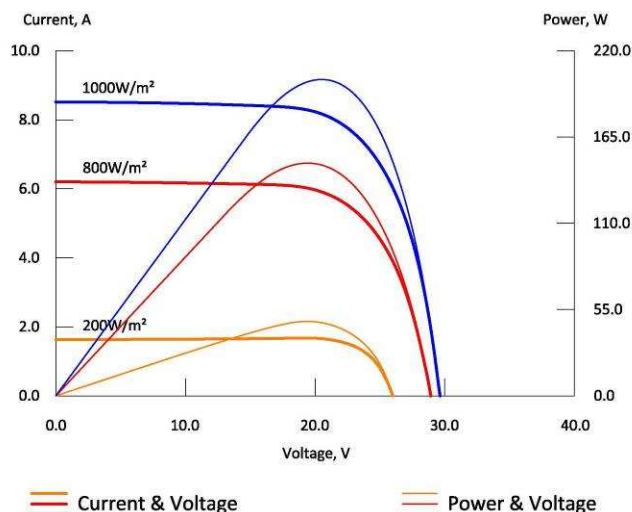
## SPECIFICATION

Type Of Module	TYNP62609230
Maximum Power [W]	230
Tolerance [%]	Plus
Open circuit Voltage [V]	36.86
Short circuit Current [A]	8.43
Maximum Power Voltage [V]	29.52
Maximum Power Current [A]	7.79
Module Efficiency [%]	14.10
Series Fuse Rating [A]	15
Terminal Box	IP65
Maximum System Voltage [V]	DC 600 / DC 1000
Operating Temperature [°C]	-40 to 85

\* The measuring uncertainty of Pmax is  $\leq \pm 2\%$

# Electrical CI

Current-Voltage & Power-Voltage characteristics various irradiance levels



Electric Performance Typical Performance Characteristics		
Short Circuit Current Temperature Coefficient	mA/°C	+5.2
Open Circuit Voltage Temperature Coefficient	V/°C	-0.1029
Maximum Power Temperature Coefficient	%/°C	-0.4514
Performance Warranty :		
90%output, 12 Years		
80%output, 25 Years		

## Quality Assurance

1. Electrical insulation test.
2. Outdoor exposure test.
3. Hot-spot endurance test.
4. UV-exposure.
5. Thermal cycling test.
6. Humidity freeze test.
7. Damp heat test.
8. Robustness of terminations test.
9. Wet leakage current test.
10. Mechanical load test.
11. Hail impact test.
12. Bypass diode thermal test.

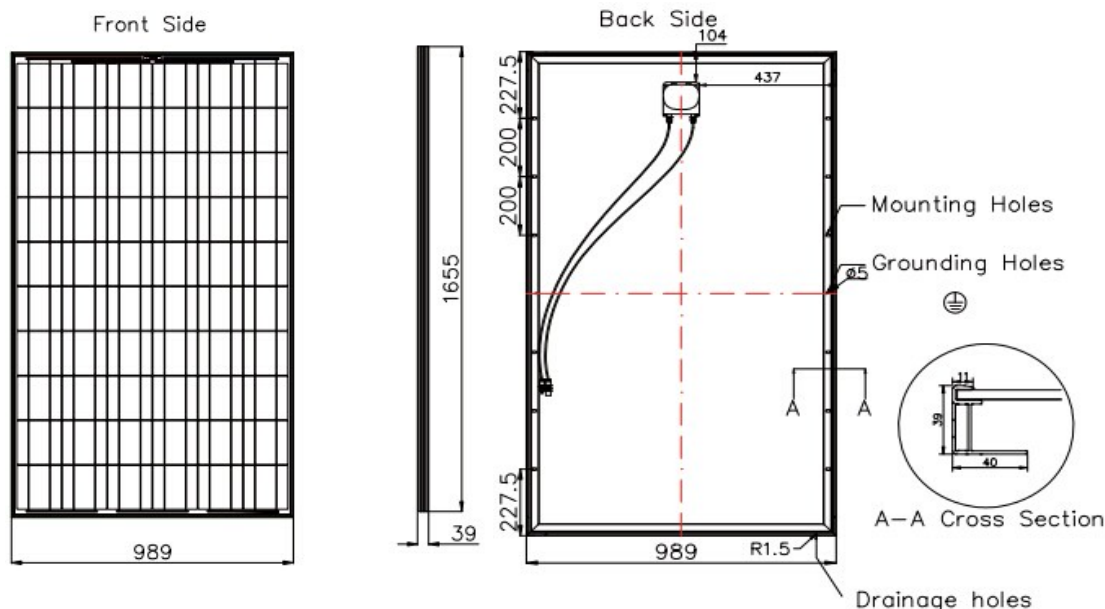
## Physical Specifications

### Dimension :

Length :  
1655 mm / 65.15 in  
Width :  
989 mm / 38.93 in  
Depth :  
39 mm / 1.53 in  
Weight :  
17.5 kg / pcs  
**Packing :**  
13 pcs / carton

### Loading Capacity :

364 pcs / 20ft container  
780 pcs / 40ft container



## Tynsolar Corporation

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