



TYN-270P6

High Quality
Poly-crystalline
Photovoltaic Module



Feature

1. Bypass diode minimizes the power drop by shade.
2. The conversion efficiency of solar cell is above 14.87%.
3. White tempered glass, EVA resin, weather proof film and anodized aluminum frame.
provide efficient protection from the severest environmental conditions.
4. Waterproof (UL94,V-O)connector provide nominal 24 DC output . Perfect for grid applications.
5. Product guarantee 5 years.

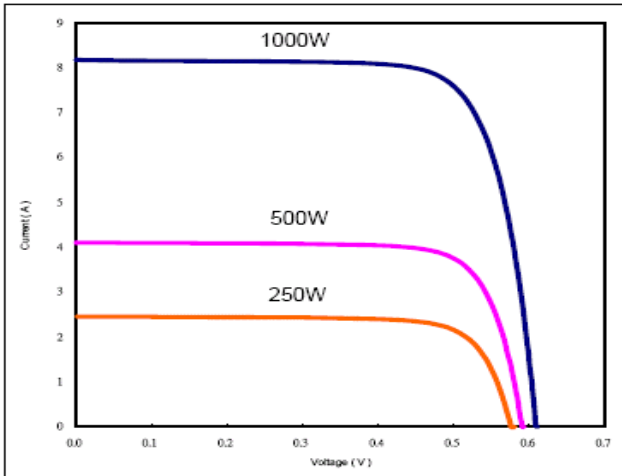
SPECIFICATION

Type Of Module	TYN-270P6			
	275W	270W	265W	260W
Maximum Power [W]	279.9	274.9	269.9	264.9
Tolerance [%]	±5%	±5%	±5%	±5%
Open circuit Voltage [V]	43.92	43.70	43.27	43.20
Short circuit Current [A]	8.17	8.10	7.95	7.83
Maximum Power Voltage [V]	36.58	36.43	36.14	35.93
Maximum Power Current [A]	7.52	7.41	7.33	7.24
Module Efficiency [%]	14.25	13.99	13.73	13.47
Solar Cell Efficiency [%]	15.87	15.62	15.12	14.87
Series Fuse Rating [A]	10	10	10	10
Terminal Box	IP65	IP65	IP65	IP65
Maximum System Voltage [V]	DC1000	DC1000	DC1000	DC1000
Operating Temperature [°C]	-40 to 85	-40 to 85	-40 to 85	-40 to 85

Electrical Characteristics

Current-Voltage characteristics of cells at various irradiance levels

IV - Curve



Electric Performance Typical Performance Characteristics		
Short Circuit Current Temperature Coefficient	mA/°C	+3.9
Open Circuit Voltage Temperature Coefficient	V/°C	-0.095
Maximum Power Temperature Coefficient	%/°C	-0.4
Performance Warranty		
90%output, 12Years		
80%output, 25 Years		

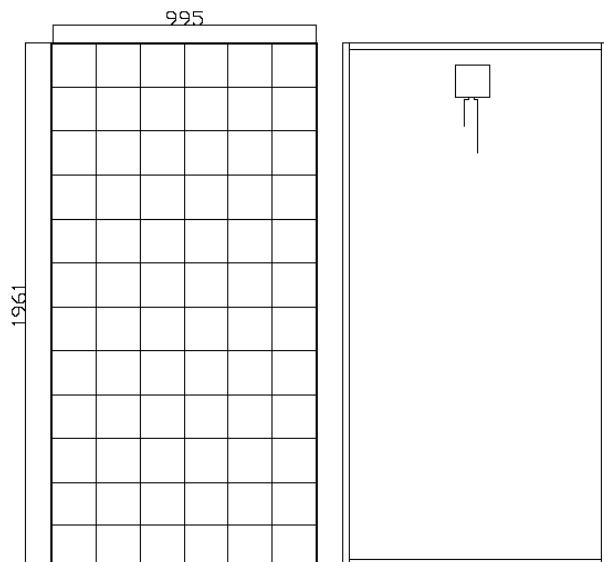
Quality Assurance

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 :
1961mm/77.20in
Width :
995mm/51.54in
Depth :
50mm/1.97in
Weight :
25.0 kg/pcs
Packing :
10pcs/1 carton



Tynsolar Corporation

Chunan Fab: 1381 Ren-ai Rd.,
Jhunan Township, Miaoli County 350, Taiwan R.O.C.
Http://www.tynsolar.com.tw
Tel : 886-37-580006 Fax: 886-37-586339