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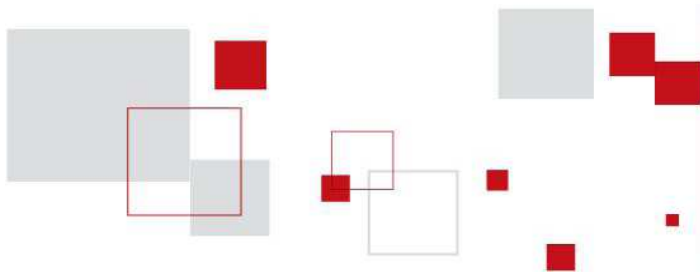
# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Shenzhen Tuoyang New Energy Technology Co.,  
Ltd.**

**75W.80W.85W MONO  
TYSM85**

Also available on the web at  
[EnergyPal.com/shenzhen-tuoyang-new-energy-technology-co-ltd-solar-panels/tysm85](http://EnergyPal.com/shenzhen-tuoyang-new-energy-technology-co-ltd-solar-panels/tysm85)



## SPECIFICATION OF 75W.80W.85W MONO SOLAR MODULE

### Mono-Crystalline

Module type	Pm(W)	Number of cell	Cell Dimension (mm)	Max System Voltage(V)	Vm(V)	Im(A)	Voc(V)	Isc(A)
TYSM75	75W	36	125	1000	17.2	4.36	21.6	4.87
TYSM80	80W	36	125	1000	17.6	4.55	21.8	5.23
TYSM85	85W	36	125	1000	17.6	4.83	21.8	5.18

### Parameter

Maximum system voltage (V)	1000
Temperature coefficients of Isc (%)	+0.1%/°C
Temperature coefficients of Voc (%)	-0.38%/°C
Temperature coefficients of Pm (%)	-0.47%/°C
Temperature coefficients of Im (%)	+0.1%/°C
Temperature coefficients of Vm (%)	-0.38%/°C
Temperature Range	-40°C ---85°C
Tolerance Wattage (e.g. +/-5%)	± 5%
Surface Maximum Load Capacity	60m/s (200kg/sq.m)
Junction Box Type	PPO, black
Connectors and Cables Type	4mm2
Length of Cables (mm)	900
Cell Efficiency (%)	14%
Output tolerance (%)	± 5%
Frame (Material, Corners, etc.)	Anodized Aluminum Alloy
Standard Test Conditions	AM1.5 1000W/cm <sup>2</sup> 25°C
Warranty	2 years for the whole product, 90% power for 10years, 80% power for 25
FF (%)	≥73.3%



### Physical Characters

Output	Module Net Weight	Module Size (MM)	Packing	20' Container	40' Container
75W	8.2(kg)	1210*540*30	2pcs/carton	484 pcs	1104 pcs
80W	8.2(kg)	1210*540*30	2pcs/carton	484 pcs	1104 pcs
85W	8.2(kg)	1210*540*30	2pcs/carton	484 pcs	1104 pcs



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