



## SPECIFICATION OF 170W,180W,190W POLY SOLAR MODULE

### Poly-Crystalline

Module type	Pm(W)	Number of cell	Cell Dimension (mm)	Max System Voltage(V)	Vm(V)	Im(A)	Voc(V)	Isc(A)
TYSM170	170W	54	156	1000	26	6.54	31.98	7.00
TYSM180	180W	54	156	1000	26	6.92	31.98	7.41
TYSM190	190W	54	156	1000	26	7.31	31.98	7.82

### 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	4mm <sup>2</sup>
Length of Cables (mm)	900
Cell Efficiency (%)	>15.0%
Output tolerance (%)	± 5%
Frame (Material, Corners, etc.)	Anodized Aluminum Alloy
Standard Test Conditions	AM1.5 100MW/cm <sup>2</sup> 25°C
Guarantee of power	2 years for whole products,90% power for 10years, 80% power for 25years
FF (%)	≥73.3%



### Physical Characters

Output	Module Net Weight	Module Size (MM)	Packing	20' Container	40' Container
170W	16.0(kg)	990*1480*35	2pcs/carton	280 pcs	600 pcs
180W	16.0(kg)	990*1480*35	2pcs/carton	280 pcs	600 pcs
190W	16.0(kg)	990*1480*35	2pcs/carton	280 pcs	600 pcs



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