

**SPECIFICATION OF  
230W.240W.250W 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)
SM230	230W	96	125	1000	46.85	4.91	57.62	5.25
SM240	240W	96	125	1000	46.85	5.13	57.62	5.48
SM250	250W	96	125	1000	50.33	4.96	61.36	5.6

**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 (%)	>16.8%
Output tolerance (%)	± 5%
Frame (Material, Corners, etc.)	Anodized Aluminum Alloy
Standard Test Conditions	AM1.5 100MW/cm² 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
230W	22.0(kg)	1580*1080*45	2pcs/carton	228 pcs	476 pcs
240W	22.0(kg)	1580*1080*45	2pcs/carton	228 pcs	476 pcs
250W	22.0(kg)	1710*1080*45	2pcs/carton	228 pcs	476 pcs