

120W MONOCRYSTALLINE MODULES

Product Description:

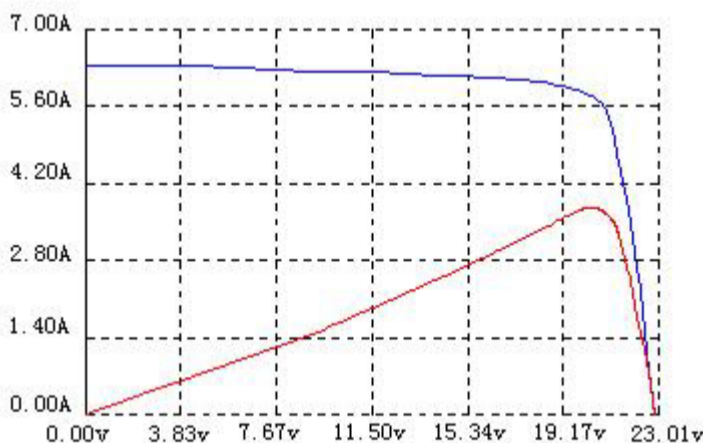
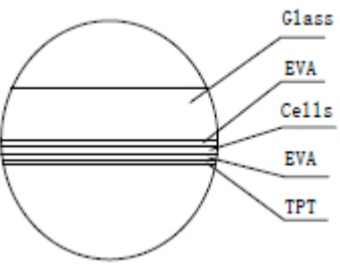
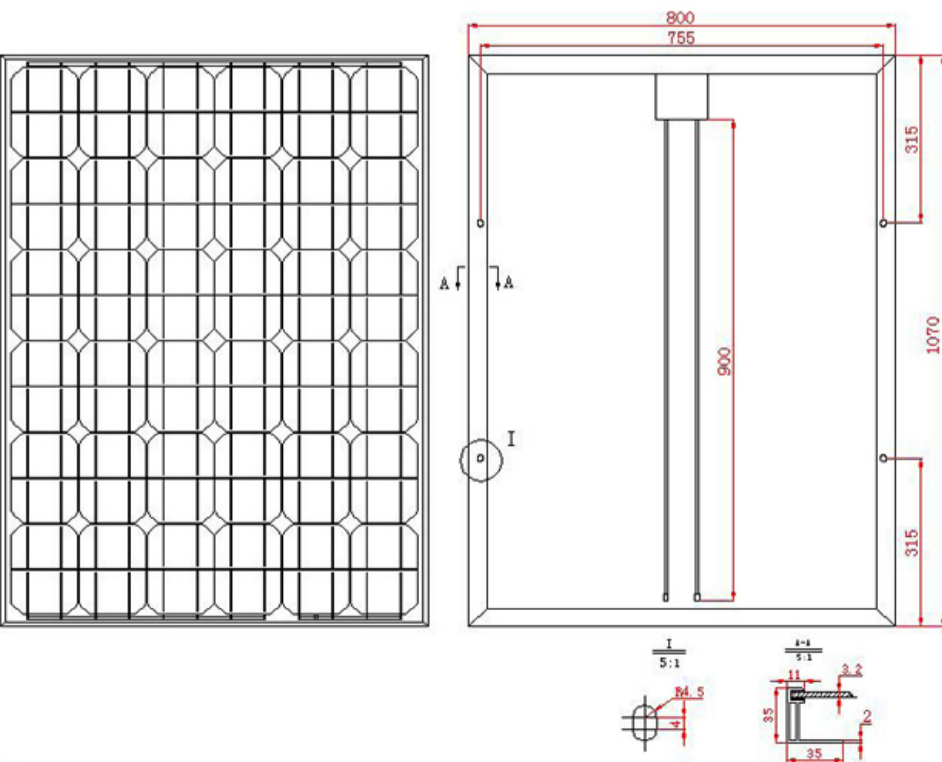
Specification	
Cells	Mono crystal 83.3mmx125mm square
Number of cells	75 (6x12) series connected
Typical application	12V DC
Maximum voltage	1000V DC
Size	1070(L) x800(W) x35(H) mm
Weight	10.5 Kgs
Front glass	3.2 mm

Tolerance		
Parameter	Values	Unit
Operating temperature	-45 to 80	°c
Hail diameter @ 80Km/h	Up to 25	mm
Continuous wind pressure	Up to 24	m/s

Connection terminals	
Connector type	BOX02

Parameter	
Model	DSP120D
Rating power (Pm)	120W
Efficiency of cell	≥16.55%
Tolerance	±3%
Rated current (Im)	6.45A
Rated voltage (Vm)	18.6V
Short circuitCurrent (Isc)	6.86A
Open circuit Voltage (Voc)	23.2V
NOCT:45°C+2 °C	Temperature coefficient Voltage: 0.16V/°c / -(160 +10)mV/oC
	Temperature coefficient of power: -(0.5+0.05)%/oC
	Temperature coefficient Current: 0.06%/°c / (0.065 +0.015)%/oC

Note: defined as standard deviation of thousands measurements. Absolute power values depend on the measuring system. They can differ by +/- 3% from one measuring system to another.

Characteristic curves	
Mechanical characteristics	
Dimensions	
Certificate	CE