

40W MONOCRYSTALLINE MODULES

Product Description:

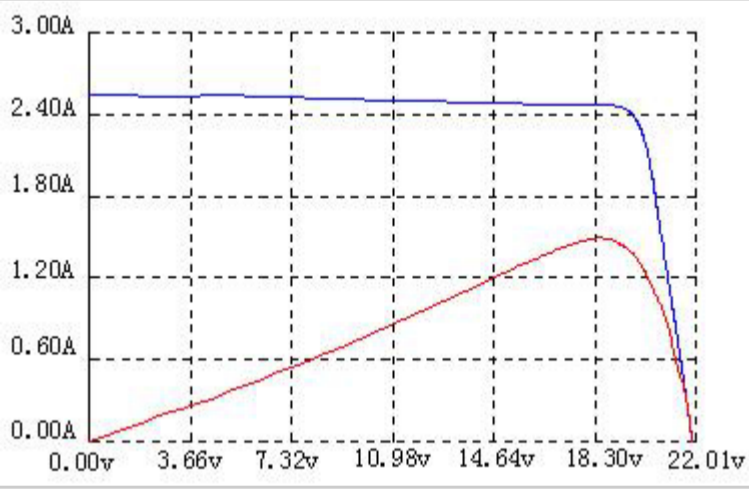
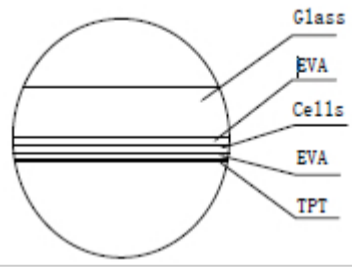
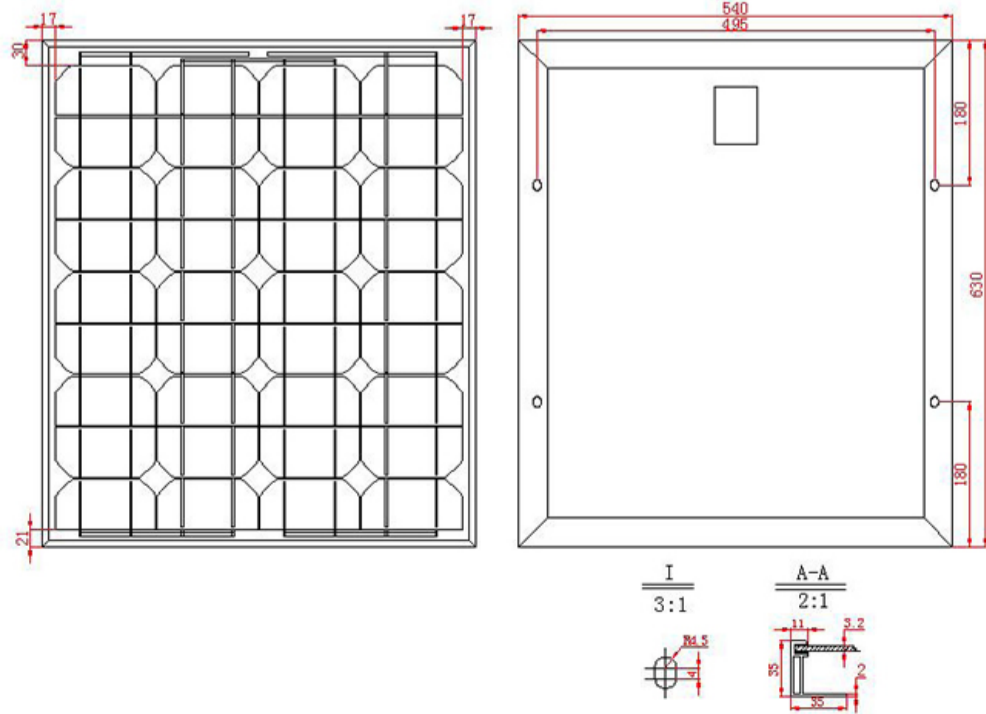
Specification	
Cells	Mono crystal 62.5mmx125mm square
Number of cells	36 (4x9) series connected
Typical application	12V DC
Maximum voltage	600V DC
Size	630(L) x540(W) x35(H) mm
Weight	4.5 Kgs
Front glass	3.2 mm

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	BOX01

Parameter	
Model	DSP40D
Rating power (Pm)	40W
Efficiency of cell	≥14.51%
Tolerance	±3%
Rated current (Im)	2.29A
Rated voltage (Vm)	17.5V
Short circuit Current (Isc)	2.5A
Open circuit Voltage (Voc)	21.5V
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