



Module Characteristics

- Plus power tolerance $\pm 3\%$
- High Mechanical load strength
Product to Withstand high wind loads (5400) and High Snow loads
- Full Automated Production line:
 1. Better soldering
 2. Better cell spacing tolerance $\pm 0.3\text{mm}$
 3. Better and More Consistent product quality

I : Typical Electrical Characteristics

Module Type	BSM-40M
Power Max(Pm)	40Wp
Power Tolerance	$\pm 3\%$
Short Circuit Current(Isc)	2.62A
Open Circuit Voltage(Voc)	21.6V
Maximum Power Current(Imp)	2.25A
Maximum Power Voltage(Vmp)	17.8V
NOCT (Nominal Operating Cell Temperature)	47°C
Insulation	$\geq 100\text{M}\Omega$

Standard Test Conditions (STC): 1000W/m² AM1.5 25°C



Mono 125x125 cell, 36pcs
Cut Cell, Mono 40Wp

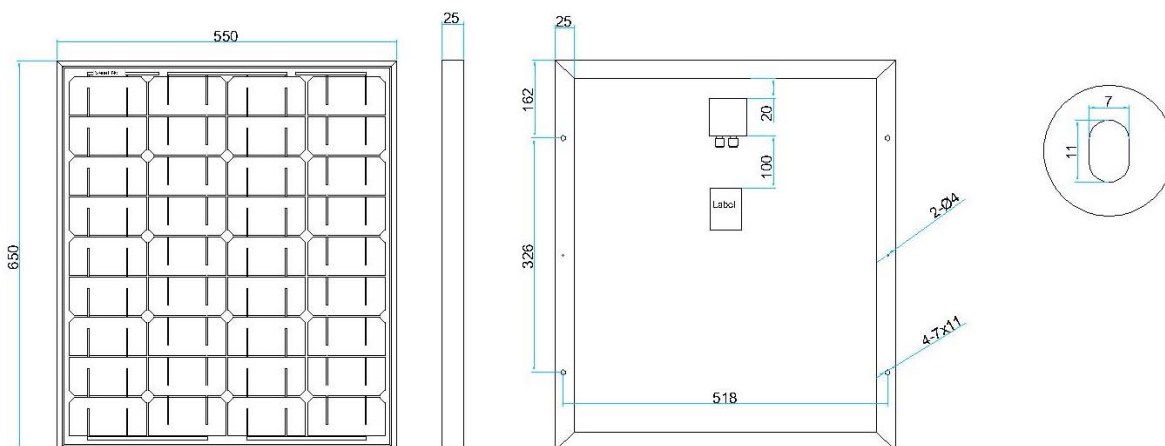
II: Physical Characters

Cell Dimension	Monocrystalline silicon 125*125 cell
Front&rear Static Load Test (eg:wind)	2400Pa
Front Load Test (eg:snow)	5400Pa
Temperature Cycling Range	-40°C to 85°C for 200 cycles
Damp Heat Test	85°C and RH85% relative humidity for 1000h
Module Size	650*550*25(mm)

III: Warranty

5 years product warranty,
10 years 90% and 25 years 80% limited warranty for minimum power output.

IV: Drawing



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