



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-70M	BSM-80M	BSM-90M	BSM-100M
Power Max(Pm)	70Wp	80Wp	90Wp	100Wp
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Short Circuit Current(Isc)	4.98A	5.15A	5.5A	5.98A
Open Circuit Voltage(Voc)	21.01V	21.3V	21.5	21.8V
Maximum Power Current(Imp)	3.53A	4.63A	5.0A	5.50A
Maximum Power Voltage(Vmp)	17.0V	17.3V	18V	18.2V
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
Power rang 80Wp-100Wp

II: Physical Characters

Cell Dimension	Monocrystalline silicon 125*125mm
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	1206*556*35(mm)

III: Warranty

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

IV: Drawing

