

I : Typical Electrical Characteristics

Power Max(Pm)	45W
Power Tolerance	± 3%
Short Circuit Current(Isc)	1.45A
Open Circuit Voltage(Voc)	42.9V
Maximum Power Current(Imp)	1.28A
Maximum Power Voltage(Vmp)	35.2V
NOCT (Nominal Operating Cell Temperature)	48°C
Insulation	≥100MΩ

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

II :Physical Characters

Cell Dimension	Polycrystalline silicon solar cells 156*26mm
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	660X550X35(mm)
Net Weight	4.8Kg

III: Warranty

5 years product warranty,
90% power output 10 years
80% power output 25 years

IV: Drawing

