



Polycrystalline Module

P050 Series

Standard anodized aluminum frame.

WARRANTY

- 10-year warranty on product.
- 10-year warranty on 90% performance.
- 25-year warranty on 80% performance.



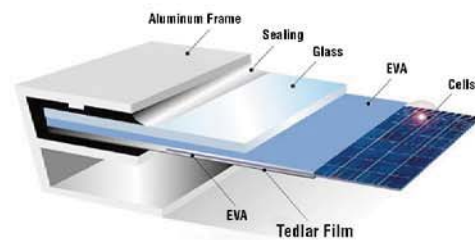
Electrical Characteristics : STC*	
Type of Module	P050
Number of Solar Cells	40
Maximum Power (Pmax)(W)	50W
Maximum Power Voltage(Vpm)	20.40V
Maximum Power Current (Ipm)	2.51A
Open Circuit Voltage (Voc)	24.56V
Short Circuit Current (Isc)	2.71A
Module Efficiency	11.82%
Temp. Coefficient of Voc(%/°C)	-0.32 /°C
Temp. Coefficient of Isc(%/°C)	0.05 /°C
Temp. Coefficient of Pmax(%/°C)	-0.42 /°C
Series Fuse Rating	15A
Maximum system Voltage	DC 1000 V

*STC(Standard Test Condition): Irradiance of 1000W/m², AM1.5, and Cell Temperature 25°C
 *Pmax tolerance: ±3%

Qualification Test Conditions	
Temperature Cycling Range(°C)	-40 to + 85

Packaging Configuration	
2pcs/carton	10, 20 carton/ Pallet

Module Diagram



Mechanical Characteristics	
Cell Configuration	40(4x10)(Cell: 52x156mm)
Cable Length(mm)	1000
Dimension(mm)	680x622x40
Weight(kg)	5.8

- 50W(4x10 3分之1 CUT)

IV Characteristics

