

### Technical Data

MP-250A SERIES	
Polycrystalline cells	72
Max system voltage	1000V

#### Electrical Data

Under STC (Standard Test Conditions:1000W/m<sup>2</sup>, 25°C, AM1.5)

Maximum Power Output [Pmax]	240 Wp	250 Wp	260 Wp	270 Wp	280 Wp
Tolerance	+ 3%				
Maximum Power Voltage[Vmax]	34.30 V	34.40 V	34.90 V	35.30 V	35.30 V
Open Circuit Voltage [Voc]	43.20 V	43.20 V	43.60 V	43.80 V	44.10 V
Maximum Power Current [Imax]	7.00 A	7.26 A	7.45 A	7.64 A	7.93 A
Short Circuit Power Current[Isc]	7.70 A	7.82 A	7.90 A	8.10 A	8.31 A

#### Temperature data

Temperature coefficients of Pmax	-0.47%/°C
Temperature coefficients of Voc	-0.38%/°C
Temperature coefficients of Isc	+0.04%/°C

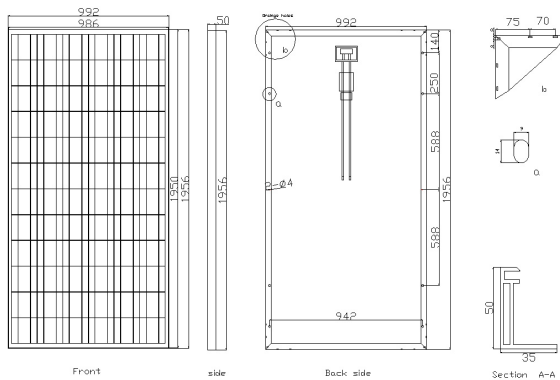
#### Safety data

High Voltage Test:	3000V DC/max, 50μA
Surface Maximum Load Capacity:	200kg/sq.m
Allowable hail load:	225mg steel ball fall down from 2m height

#### Mechanical data

Material	Aluminum
LXB[mm]	1956x992
Thickness[mm]	50
Weight[kg]	23

[Unit: mm]



#### Certificates



### Features & Benefits

- High efficiency of cells;
- High transmittance, low iron tempered glass with enhanced stiffness and impact resistance;
- Anodized aluminum alloy frame with high mechanical strength for easy installation;
- Anti-aging EVA and high flame resistant back sheet, to provide long-life and enhanced cell performance;
- Outstanding electrical performance under high temperature and low irradiance conditions;
- ±3% tolerance;
- 100% apply EL(electroluminescence) technology;
- Quality insurance by 6 different China Insurance companies;
- 5 years limited warranty, 10 years limited warranty for 90% power output, 25 years limited warranty for 25 years.