

# SOLAR MODULE



## POLYCRYSTALLINE

SY-220P / SY-230P

SY-240P / SY-245P / SY-250P

### Specifications

Cell	Polycrystalline Silicon Solar Cell 156mm*156mm
No. of cell	60 (6*10)
Dimension(mm)	1650*992*45
Weight	17 kg

### Characteristics

Model	SY-220P	SY-230P	SY-240P	SY-245P	SY-250P
Open circuit voltage(Voc)	36.3	36.6	37.2	37.5	37.8
Optimum operating voltage (Vmp)	29.9	30.3	30.9	31.2	31.5
short circuit current(Isc)	8.09	8.26	8.37	8.59	8.7
Optimum operating current(Imp)	7.36	7.59	7.77	7.86	7.94
Maximum power at STC(p <sub>m</sub> )	220Wp	230Wp	240Wp	245Wp	250Wp

STC: Irradiance 1000w/m<sup>2</sup>, Module Temperature 25°C, AM=1.5

### Limits

Operating Temperature	-40°C to +85°C
Maximum system voltage	1000V DC

### Temperature and Coefficient

NOCT	45°C ± 2°C	
Current temperature Coefficient	%/°C	0.1
Voltage temperature Coefficient	%/°C	-0.38
Power temperature Coefficient	%/°C	-0.5

NOCT: Normal Operation Cell Temperature

### Mechanical Parameters

Type of output terminal	Junction Box
Cable	LAPP (4.0mm <sup>2</sup> )
Lengths	900 mm
Frame	Anodized Aluminum Alloy
Front Glass	3.20mm tempered glass

