

SOPRAY TRANSMITS THE WIRELESS ENERGY OF LIGHT
CREATE A BETTER LIFE

280Watt Maximum Power
POLY-CRYSTALLINE SOLAR PANEL

SR156P-240
SR156P-250
SR156P-260
SR156P-270
SR156P-280

Soprpay was named Frost and Sullivan's 2008 Solar Energy Development Company of the Year

IEC VDE

Features

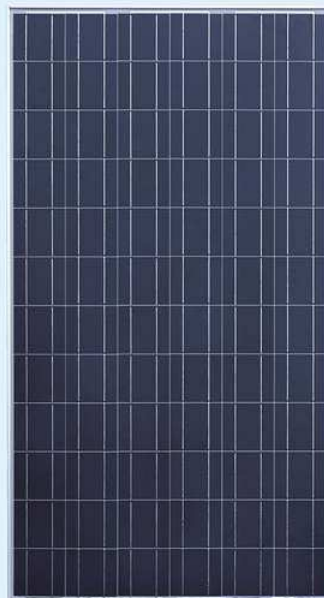
- High conversion efficiency based on leading innovative photovoltaic technologies
- High stability with guaranteed +/-3% power output tolerance, ensuring return on investment
- Beautiful appearance
- Withstands high wind - pressure and snow load
- Easy to install

Quality and Safety

- 25-year power output warranty with China Pacific Property Insurance Co.,Ltd
- Rigorous quality control meeting the highest international standards
- ISO 9001:2008(Quality Management System)certified factories manufacturing world class products

Recommended Applications

- On-grid utility systems
- On-grid commercial systems
- Off-grid ground mounted systems



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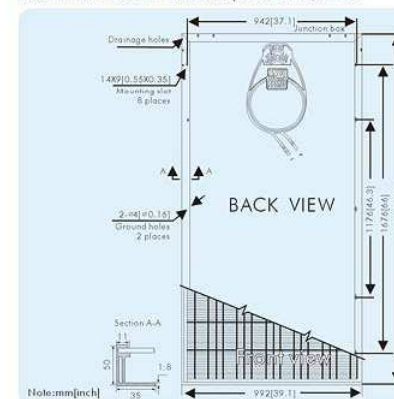
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Electrical Characteristics

Characteristics	SR156P-240	SR156P-250	SR156P-260	SR156P-270	SR156P-280
Open-Circuit Voltage (Voc)	43V	43.3V	43.5V	43.7V	44V
Optimum Operating Voltage (Vmp)	34.1V	34.4V	34.7V	35V	35.3V
Short-Circuit Current (Isc)	7.86A	8.05A	8.21A	8.4A	8.58A
Optimum Operating Current (Imp)	7.04A	7.27A	7.5A	7.72A	7.94A
Maximum power at STC (Pmax)	240Wp	250Wp	260Wp	270Wp	280Wp
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Maximum System Voltage	1000VDC	1000VDC	1000VDC	1000VDC	1000VDC
Series Fuse Rating	20A	20A	20A	20A	20A
Power Tolerance	±3%	±3%	±3%	±3%	±3%

STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5



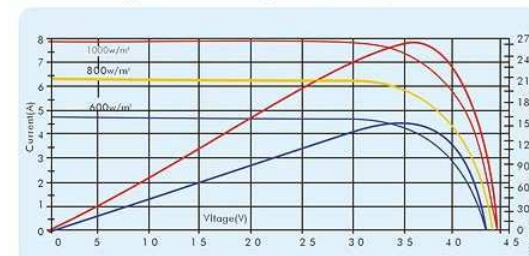
Mechanical Characteristics

Solar Cell	Poly-crystalline 156 × 156mm (6inch)
No. of Cells	72(6 × 12)
Dimensions	1956 × 992 × 50mm(77.0 × 39.1 × 2.0inch)
Weight	27kg (59.5lbs)
Front Glass	3.2mm(0.13inch) tempered glass
Frame	Anodized aluminium alloy
Junction Box	Cixi Renhe PV-PH701(TUV)

Temperature Coefficients

Nominal Operating Cell Temperature(NOCT)	45 ± 2°C
Temperature Coefficient of Pmax	-(0.48 ± 0.05)%/°C
Temperature Coefficient of Voc	-(0.34 ± 0.01)%/°C
Temperature Coefficient of Isc	-(0.055 ± 0.01)%/°C

Current-Voltage & Power-Voltage Curve(260W)



Temperature Dependence of Isc, Voc, Pmax

