

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

### **Sunrise Solar Solutions SR75P SR75P**

Also available on the web at  
[EnergyPal.com/sunrise-solar-solutions-solar-panels/sr75p](http://EnergyPal.com/sunrise-solar-solutions-solar-panels/sr75p)

Cells	
Cell Technology	Polycrystalline silicon
Number per module	36
Cells dimensions	78× 156 mm

Electrical data		
		SR 75P
Maximum power	P <sub>max</sub>	75 W
Open Circuit Voltage	V <sub>oc</sub>	21.5V
Maximum power point voltage	V <sub>mpp</sub>	17.6V
Short circuit current	I <sub>sc</sub>	4.54A
Maximum power point current	I <sub>mpp</sub>	4.24A

FF Factor	77.47 %
Module Efficiency	13.33%

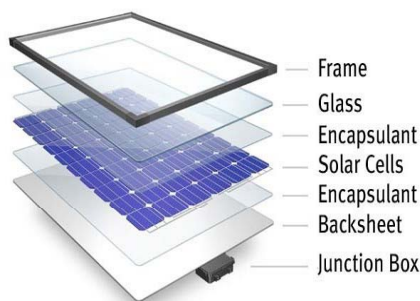
\*At Standard Conditions (STC) Irradiance 1000 watt/m<sup>2</sup>, spectrum AM 1.5 at a cell temperature of 25°C.

Thermal data	
NOCT	47°C ± 2°C
Temperature Coefficient of V <sub>oc</sub>	- (70 ± 5) mV / °C
Temperature Coefficient of I <sub>sc</sub>	+ 0.04 % / °C
Temperature Coefficient of Power	- 0.35 % / °C

System Integrated parameters	
Maximum system voltage SCII	600 VDC
Maximum reverse current	Do not apply external voltages larger than V <sub>oc</sub> to the module

Additional data	
Junction box	1000 VDC
Connector (optional)	Plug type 4
Power tolerance	± 3%
Cable	4 mm <sup>2</sup>
Cable lengths	1000 mm
Bypass diodes	2 pieces

### Module Construction



### Features

- High conversion efficiency
- Low power tolerance of 0~+3%
- Low degradation under light exposure
- Can withstand high wind-pressure, Snowload and extreme temp.
- IEC 61215 2400Pa mechanical load test

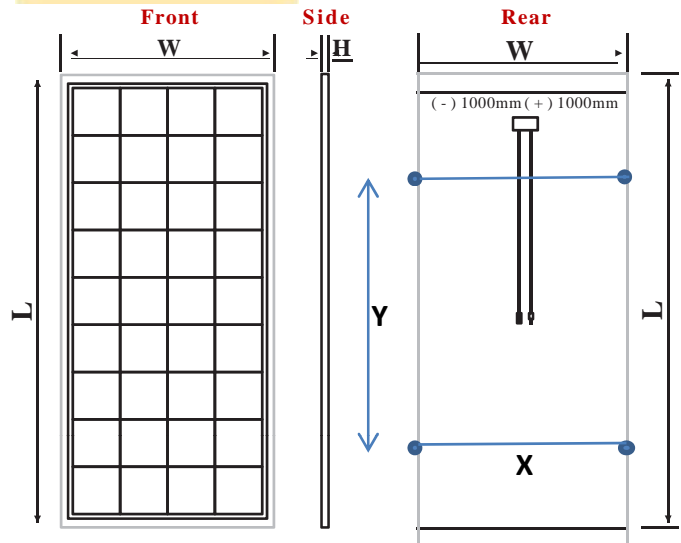
### Quality and Safety

10-year warranty on product materials and processing technology  
 Power output warranty: 10 years:90%, 25 years:80%  
 ISO 9001:2008(Quality Management System) certified factory  
 IEC61215, IEC61730 certified products

### Applications

- On-grid residential roof-tops
- On-grid commercial rooftops
- Off-grid system
- Other on-grid applications

### Dimensions



### Mechanical Data

Dimension of the module L × W × H	610 × 660 × 35 mm
Weight	6.5kg
Mounting Holes X - mm	355 mm
Mounting Holes Y - mm	620 mm

**Note:** The data presented may change without any prior notice due to further improvements in the product design.

Cable and connectors are optional, IP-65/67 Junction Box, Mc4 compatible M/F connectors along with 1 meter cable shall be provided against customer request



## SUNRISE SOLAR SOLUTIONS

MIG 1A/22/1, MVP Sector-9

Visakhapatnam, Andhra Pradesh, India-530017

Tel: +91-7416199777, 0891-6669009

Email: [sunrisesolarsolutions@yahoo.in](mailto:sunrisesolarsolutions@yahoo.in)