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# **EnergyPal**

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

**Sri Raghavendra Engineering Works**

**SR-P5-12W-EW**

**SR-5-EW**

Also available on the web at  
[EnergyPal.com/sri-raghavendra-engineering-works-solar-panels/sr-5-ew](http://EnergyPal.com/sri-raghavendra-engineering-works-solar-panels/sr-5-ew)

# Data Sheet

SR-5-EW, SR-10-EW, SR-12-EW, poly solar panel

## Specifications

Dimension (L X W X H)	number of cells	Cell size	Weight
416 X 241 X 17 H	36 PCS	polycrystalline	1.5 kg
	30 X 52.25 X 0.2MM, 31 X 52.25 X 0.2MM, 35 X 52.25 X 0.2MM		

## Characteristics

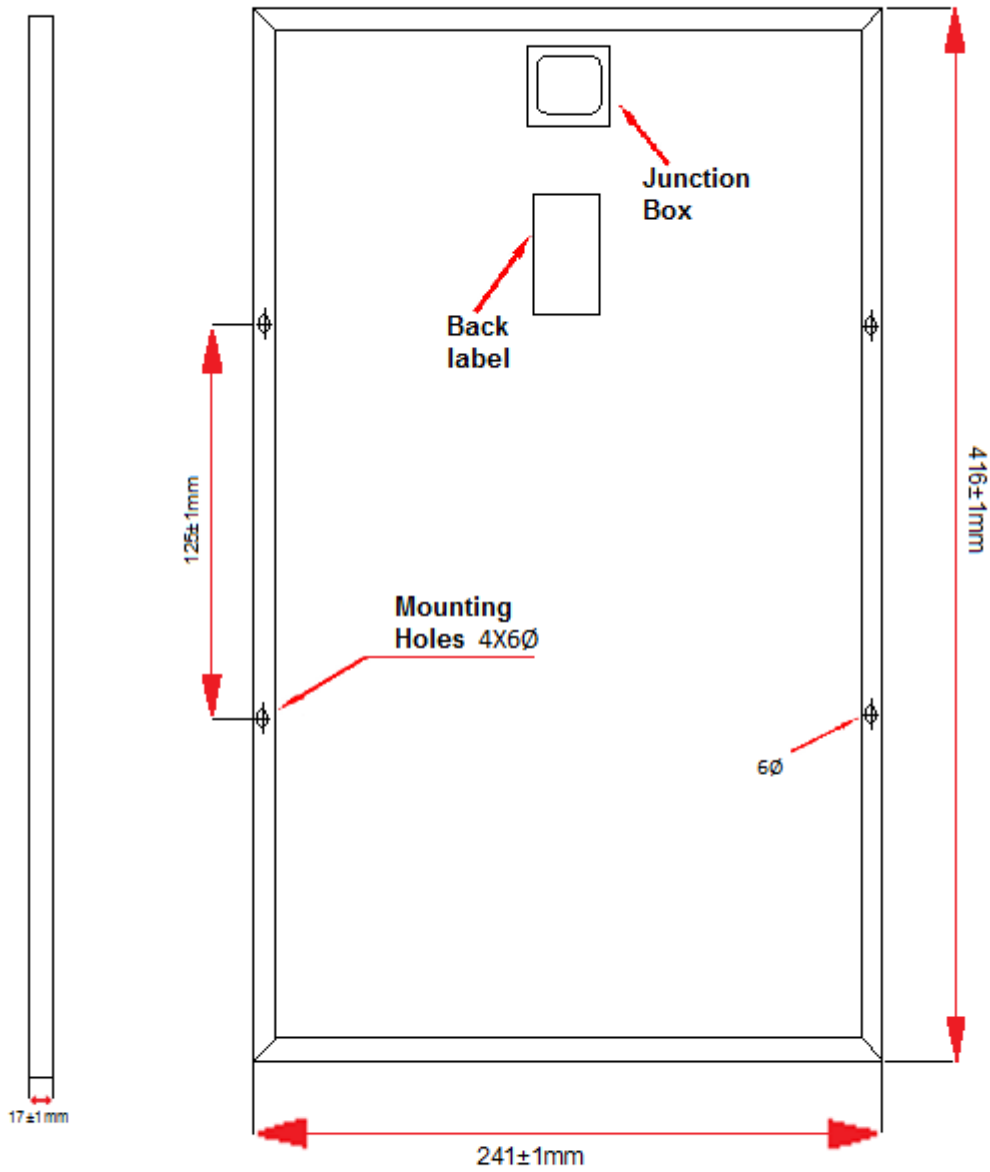
Model No	SR-5-EW	SR-10-EW	SR-12-EW
Peak power (W)	5±3%	10±3%	12±3%
Open circuit voltage (V)	10.8	22	22
Short circuit current (A)	0.62	0.6	0.7
Max. Power voltage (V)	8.8	18	18
Max. Power current (A)	0.59	0.55	0.67

STC: Irradiance 1000W/ m<sup>2</sup>, Cell temperature 25° C, AM 1.5

## Temperature and coefficient

	NOCT	48±2°C	Limits	
Coefficient current TK	0.1%/°C		Operating temperature limits	-40°C to +85°C
Coefficient voltage TK	-0.37%/°C		Max.system voltage (V)	1000 VDC
Coefficient power TK	-0.45%/°C			

## 10Watt Module Drawing



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