



PLM-250P-60

230Watt-235Watt-240Watt-245Watt-250Watt-255Watt

Technology & Quality

- ▶ A complete photovoltaic industry chain
The Solarever Group has a complete photovoltaic industry chain including crystalline wafer, solar cells, solar modules and photovoltaic system applications.
- ▶ Top quality
We guarantee our products above 90% power output in 10 years and above 80% in 25years, working life over 25 years.



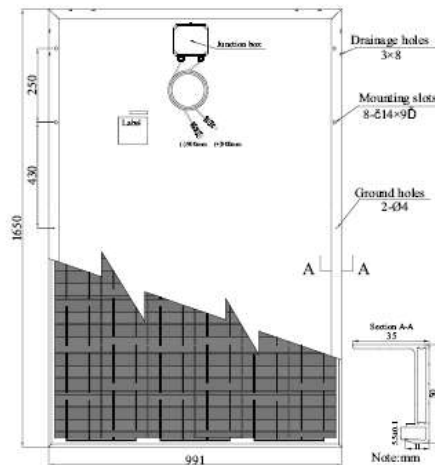
Features

- ▶ High-efficiency solar cell ensures high performance of solar module and create more power in peak hours.
- ▶ Anti-reflecting coating and high-transmission rate glass increase the power output and mechanical strength solar module.
- ▶ Torsion and corrosion-resistant anodized frame ensures dependable performance, even through harsh weather conditions.
- ▶ Lightweight and pre-drilled mounting holes for easy installation.
- ▶ Water-resistant junction box.
- ▶ Designed specially to meet our customer demands for residential, commercial and industrial use.



Mechanical Characteristics

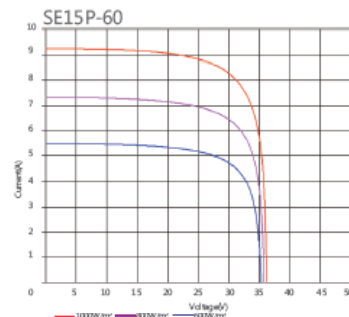
Type of Cell	Poly-Crystalline 156 x 156mm
Cells Array and Number	6 x 10 (60pcs)
Dimensions	1650 x 991 x 45mm
Weight	22.2kg
Front Glas	4mm Tempered Glass
Frame	Anodized Aluminium Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s Wind
Snow load parameters	5400Pa



Temperature Coefficients

Nominal Operating Cell Temperature(NOCT)	50°C ± 2°C
Temperature Coefficient of Pmax	-(0.410±0.05)%/K
Temperature Coefficient of Voc	-(0.320±0.01)%/K
Temperature Coefficient of Isc	(0.050±0.01)%/K
Maximum Series Fuse/current rating	15A

I-V Characteristics Curve



Electrical Characteristics

Characteristics	PLM-230	PLM-235	PLM-240	PLM-245	PLM-250	PLM-255
Open-Circuit Voltage (Voc)	35.40V	35.40V	35.40V	36.00V	36.00V	36.00V
Optimum Operating Voltage (Vmp)	29.50V	29.50V	29.50V	30.00V	30.00V	30.00V
Short-Circuit Current(Isc)	8.73A	8.92A	9.11A	9.15A	9.33A	9.52A
Optimum Operating Current (Imp)	7.80A	7.97A	8.14A	8.17A	8.33A	8.50A
Maximum Power at STC (Pmax)	230W	235W	240W	245W	250W	255W
Module Efficiency	14.1%	14.4%	14.7%	15.0%	15.3%	15.6%
Operating Temperature	- 40°C to + 85°C					
Maximum System Voltage	1000V DC					
Power Tolerance	0 / +3%					
STC Irradiance 1000W/m ² , Module temperature 25°C, AM=1.5						

