

Solar Panel

175 W

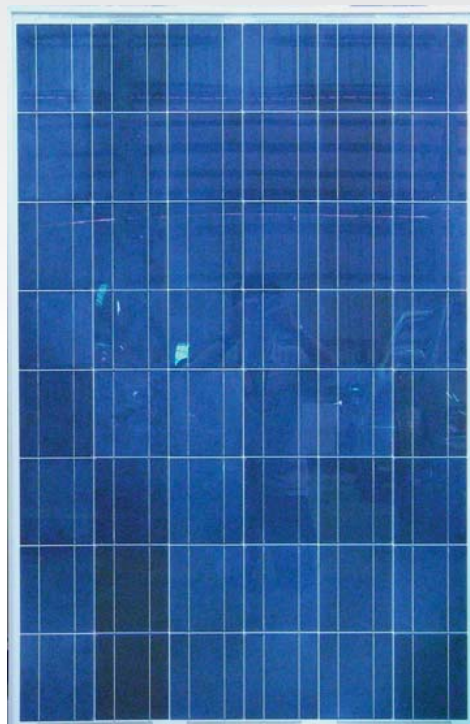
Top Quality
Mono/Poly - Crystalline
Photovoltaic Module

Bypass diode minimizes the power drop by shade

The conversion efficiency of solar cell is over 15%

White tempered glass, EVA resin, weather proof film and anodized aluminium frame provide efficient protection from the severest environmental conditions

Waterproof (UL94, V-0) connector provide nominal 24VDC output. Perfect for grid applications



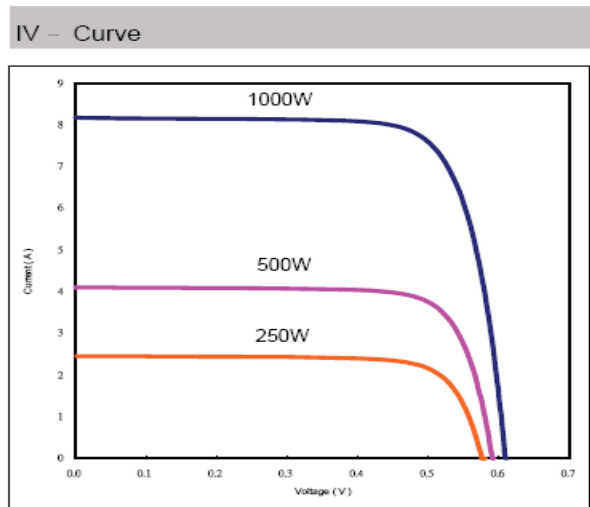
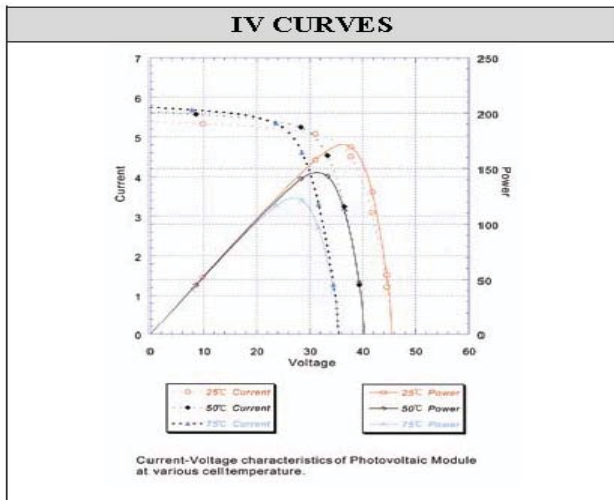
www.pceups.com

Maximum Power	175W	Cell type	156 x 156 mm	85W
Tolerance	5%	Number of cells	72	17.8V
Maximum Power Voltage	36.72V	Module efficiency	14%	4.8A
Maximum Power Current	4.8A	Solar cell efficiency	16%	22.2V
Open Circuit Voltage	43.92V	Series fuse rating	8A	5.2A
Short Circuit Current	5.2A	Terminal Box	IP65	14%
Operating temperature	-40 to 85°C	Maximum system voltage	DC 600V	10A
Dimensions	532 x 1182 x 33 mm			
Weight	7.6 kg			

Electrical Characteristics

Current-Voltage characteristics of Photovoltaic Module cells at various cell temperatures

Current-Voltage characteristics of Photovoltaic Module cells at various irradiance levels



Specifications are subject to change without notice.

Quality Assurance

- Thermal cycling test
- Mechanical, wind and twist loading test
- Thermal shock test
- Salt mist test
- Thermal/Freezing and high humidity
- Light and water-exposure cycling test
- Electrical isolation test
- Field exposure test
- Hail impact test
- Moist carbon dioxide/sulphur dioxide

Physical Specifications

- Length: 1576mm/62.05in
- Width: 825mm/32.48in
- Depth: 47.5mm/1.87in
- Packing: 2pcs/1carton
10pcs/1 carton
- Loading Capacity:
280pcs/20ft Container
560pcs/40ft Container

