

POLY CRYSTALLINE SOLAR PANEL



SPECIFICATION

Electrical Specification	POLY -3	POLY -5	POLY -10	POLY -20	POLY -30	POLY -40	POLY -50	POLY -60	POLY -80	POLY -100	POLY -150	POLY -165	POLY -200	POLY -250	POLY -300	POLY -325	POLY-330	POLY-340	POLY-345
Nominal maximum power (Pmax)	3W	5W	10W	20W	30W	40W	50W	60W	80W	100W	150W	165W	200W	250W	300W	325W	330W	340W	345W
Optimum operating Voltage (Vmp)	8.8V	8.8V	17.43V	17.25V	18.54V	18.10V	17.22V	19.7V	19.6V	17.90V	18.32V	18.82V	24.3V	29.9V	36.5V	37.5V	37.8V	38.3V	38.5V
Optimum Operating Current (Imp)	0.34A	0.57A	0.58A	1.16A	1.62A	2.21A	2.91A	3.05A	4.08A	5.59A	8.18A	8.76A	8.23A	8.36A	8.22A	8.67A	8.74A	8.88A	8.96A
Open Circuit Voltage (Voc)	10.8V	10.8V	21.18V	21.2V	22.68V	22.00V	21.1V	23.99V	23.7V	21.9V	22.3V	23.22V	30.7V	37.3V	45.3V	46.1V	46.4V	46.8V	46.9V
Short Circuit Current (Isc)	0.37A	0.62A	0.63A	1.27A	1.76A	2.41A	3.21A	3.34A	4.42A	6.03A	8.8A	9.23A	8.58A	8.81A	8.66A	9.15A	9.23A	9.38A	9.47A
Operating Temperature	-40°C~+85°																		
Maximum System Voltage	1000V (IEC)/600V (UL)																		
Maximum Series Fuse Rating	15A																		
RFID	Yes																		
Power Tolerance	0~+5W																		
Temperature Coefficient																			
Pmax	-0.45/°C																		
Voc	-0.35/°C																		
Isc	-0.060/°C																		
NOCT (Nominal Operating Cell Temperature)	45°C																		
Mechanical Data																			
Cell Type	Polycrystalline																		
Cell Arrangement	20 (4x5)	18 (2x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (3x12)	36 (4x9)	40 (4x10)	36 (3x12)	36 (4x9)	36 (4x9)	48 (6x8)	60 (6x10)	72 (6x12)				
Dimensions	185x185x17	300x190x17	420x260x17	540x350x25	680x350x25	670x430x30	813x547x30	860x540x30	860x670x30	1200x540x35	1487x666x35	1487x666x35	1335x992x40	1640x992x40	1956*992*40				
Weights	0.34 (kg)	0.67 (kg)	1.2 (kg)	2.98 (kg)	3.77 (kg)	4.2 (kg)	5 (kg)	5.9 (kg)	6 (kg)	7 (kg)	11.5 (kg)	11.5 (kg)	15.5 (kg)	19 (kg)	22 (kg)				
Front Cover	Tempered glass																		
Frame material	Anodized aluminum alloy																		
Standard Packaging (Modules/Cartoon)	20 pcs	20 pcs	20 pcs	10 pcs	10 pcs	5 pcs	5 pcs	4 pcs	4 pcs	4 pcs	2 pcs	2 pcs	2 pcs	26 pcs/pallet & 2 pcs/carton					

Note:

- The above specifications pertain to the standard SPV Modules.
- Electrical specifications mentioned above are under standard test conditions as follows [a] light spectrum of AM 1.5 [b] an irradiation of 1,000 Watts per square meter and [c] a cell temperature of 25 degrees Centigrade. Normal production tolerance of 0~+5W
- Due to continuous process innovations, the modules supplied may differ from those specified above.

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