

Solar Panel

Poly-crystalline Module 65~135 Watt



Key Features :

- Long lifespan more than 25 years
- Manufactured according to ISO9001 and ISO14001
- High efficiency and reliable crystalline silicon solar cells
- High endurance to different weather
- Anti-ageing EVA and excellent anti-climate back sheet.
- High transmission low iron tempered glass, strong resistance
- Anodized aluminum frame improves load resistance capabilities

Applications :

- Off grid power station applications
- Countryside and remote areas
- Railway signal
- Small-scale irrigation pumping pumps
- Street lighting system.
- Emergency communication system
- 12V and 24V battery charging system

65W~90W Poly-crystalline Solar Panel Electrical Parameters at STC

MModel	YS65P	YS70P	YS75P	YS80P	YS85P	YS90P
Rated Maximum Power at STC	65W	70W	75W	80W	85W	90W
Maximum Power Voltage (Vmp)	17.2V	17.4V	17.5V	17.8V	17.2V	17.4V
Maximum Power Current (Imp)	3.78A	4.06A	4.29A	4.55A	4.92A	5.18A
Open Circuit Voltage (Voc)	21.6V	21.8V	22.1V	22.4V	21.6V	21.8V
Short Circuit Current (Isc)	4.05A	4.35A	4.59A	4.86A	5.52A	5.78A
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Dimension	730x673x25mm	730x673x25mm	840x673x30mm	840x673x30mm	940x673x30mm	940x673x30mm
Weight (approx)	6.2kg	6.2kg	6.9kg	6.9kg	8.1kg	8.1kg
STC: Irradiance 1000W/㎡, Module Temperature 25°C, Air Mass 1.5						
Maximum System Voltage	DC 1000V(IEC) / 600V(UL)					
Operating Temperature	-40°C~+85°C					
Temperature Coefficient of Pmax	-0.41%/°C					
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Isc	+0.06%/°C					

100W~135W Poly-crystalline Solar Panel Electrical Parameters at STC

Model	YS100P	YS110P	YS120P	YS125P	YS130P	YS135P
Rated Maximum Power at STC	100W	110W	120W	125W	130W	135W
Maximum Power Voltage (Vmp)	17.8V	17.4V	17.5V	17.6V	17.8V	17.94V
Maximum Power Current (Imp)	5.63A	6.32A	6.86A	7.11A	7.31A	7.53A
Open Circuit Voltage (Voc)	22.4V	21.8V	22.1V	22.2V	22.4V	22.23V
Short Circuit Current (Isc)	6.18A	6.82A	7.54A	7.54A	7.81A	8.22A
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Dimension	1040x673x30mm	1200x673x30mm	1300x673x30mm	1300x673x30mm	1300x673x30mm	1480x670x30mm
Weight (approx)	9.05kg	9.7kg	10.5kg	10.5kg	10.5kg	11.5kg
STC: Irradiance 1000W/㎡, Module Temperature 25°C, Air Mass 1.5						
Maximum System Voltage	DC 1000V(IEC) / 600V(UL)					
Operating Temperature	-40°C~+85°C					
Temperature Coefficient of Pmax	-0.41%/°C					
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Isc	+0.06%/°C					

Poly-crystalline Module 5~60 Watt



Key Features :

- Long lifespan more than 25 years
- Manufactured according to ISO9001 and ISO14001
- High efficiency and reliable crystalline silicon solar cells
- High endurance to different weather
- Anti-ageing EVA and excellent anti-climate back sheet.
- High transmission low iron tempered glass, strong resistance
- Anodized aluminum frame improves load resistance capabilities

Applications :

- Off grid power station applications
- Countryside and remote areas
- Railway signal
- Small-scale irrigation pumping pumps
- Street lighting system.
- Emergency communication system
- 12V and 24V battery charging system

5W~30W Poly-crystalline Solar Panel Electrical Parameters at STC

Model	YS5P	YS10P	YS15P	YS20P	YS25P	YS30P
Rated Maximum Power at STC	5W	10W	15W	20W	25W	30W
Maximum Power Voltage (Vmp)	17.4V	17.5V	17.4V	17.5V	17.4V	17.5V
Maximum Power Current (Imp)	0.29A	0.58A	0.86A	1.15A	1.44A	1.72A
Open Circuit Voltage (Voc)	21.8V	22.1V	21.8V	22.1V	21.8V	22.1V
Short Circuit Current (Isc)	0.32A	0.65A	0.93A	1.22A	1.53A	1.83A
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Dimension	230x200x20mm	310x267x20mm	360x353x20mm	460x353x25mm	505x353x25mm	470x515x25mm
Weight (approx)	0.6kg	1.1kg	1.6kg	2.05kg	2.25kg	3.1kg
STC: Irradiance 1000W/㎡, Module Temperature 25°C, Air Mass 1.5						
Maximum System Voltage	DC 1000V(IEC) / 600V(UL)					
Operating Temperature	-40°C~+85°C					
Temperature Coefficient of Pmax	-0.41%/°C					
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Isc	+0.06%/°C					

35W~60W Poly-crystalline Solar Panel Electrical Parameters at STC

Model	YS35P	YS40P	YS45P	YS50P	YS55P	YS60P
Rated Maximum Power at STC	35W	40W	45W	50W	55W	60W
Maximum Power Voltage (Vmp)	17.4V	17.5V	17.4V	17.6V	17.5V	17.8V
Maximum Power Current (Imp)	2.02A	2.29A	2.59A	2.85A	3.14A	3.37A
Open Circuit Voltage (Voc)	21.8V	22.1V	21.8V	22.1V	22.1V	22.4V
Short Circuit Current (Isc)	2.25A	2.56A	2.84A	3.09A	3.45A	3.68A
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Dimension	530x515x25mm	590x515x25mm	605x543x25mm	605x543x25mm	585x673x25/30mm	585x673x25/30mm
Weight (approx)	3.4kg	3.9kg	4.5kg	4.5kg	4.7kg	4.7kg
STC: Irradiance 1000W/㎡, Module Temperature 25°C, Air Mass 1.5						
Maximum System Voltage	DC 1000V(IEC) / 600V(UL)					
Operating Temperature	-40°C~+85°C					
Temperature Coefficient of Pmax	-0.41%/°C					
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Isc	+0.06%/°C					