

# P36PCS(POLY)

2.5W~120W

Poly-Crystalline Photovoltaic Module



## Positive power tolerance

0~+5 W



## Withstand strong snow load

5400 Pa / wind load 2400 Pa



## Excellent low light performance

3.5% relative eff.reduction at low-irradiance (200W/m<sup>2</sup>)



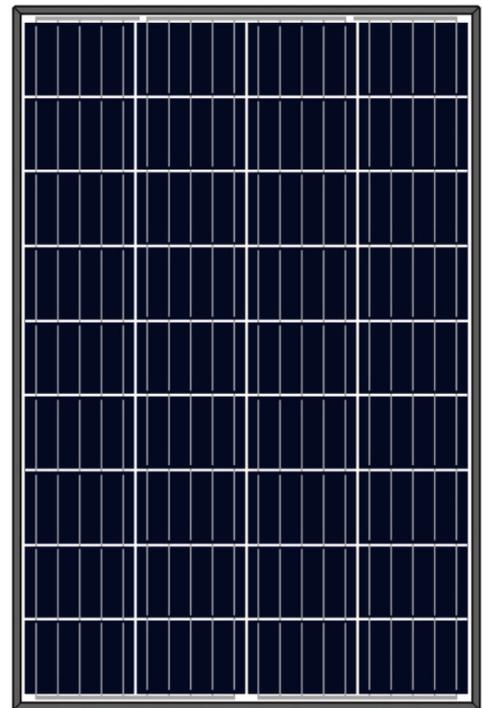
## 100% EL online inspection

Better module reliability



## Ammonia & salt resistance

According to IEC 62716 IEC61701 IEC61215 IEC61730



## Reliability & Certification

Product Guarantee: **5-year**



## P36PCS(POLY)2.5W~30W

### Product Specification

Model type	2.5W	5W	10W	20W	30W
Peak power(Pmax)	2.5W	5W	10W	20W	30W
Weight	0.48kg	0.71kg	1kg	2kg	2.6kg
Dimensions(mm)	240x140x17	265x175x17	340x250x17	480x350x25	650x350x25
Maximum power voltage (Vmp)	17.6V	18.36V	17.8V	17.3V	17.3V
Maximum power current (Imp )	0.14A	0.28A	0.57A	1.16A	1.74A
Open circuit voltage (Voc)	21.0V	22.4V	22.4V	21.7V	21.7V
Short circuit current (Isc)	0.15A	0.30A	0.61A	1.26A	1.89A
Cell efficiency			17.64%	17.64%	17.64%
Maximum system voltage			DC 600V		
Temp.Coeff.of Isc(TK Isc)			0.06%/°C		
Temp.Coeff.of Voc(TK Voc)			-0.35%/°C		
Temp.Coeff.of Pmax(TK Pmax)			-0.4%/°C		
Normal Operating Cell Temperature			45±2°C		
Tolerance			±3%		

## P36PCS(POLY) 40W~80W

### Product Specification

Model type	40W	50W	60W	70W	80W
Peak power(Pmax)	40W	50W	60W	70W	80W
Weight	3.2kg	4.2kg	5kg	6kg	6kg
Dimensions(mm)	540x510x25	540x670x30	650x670x30	770x670x30	770x670x30
Maximum power voltage (Vmp)	17.8V	17.8V	17.6V	17.2V	18.1V
Maximum power current (Imp )	2.25A	2.81A	3.41A	4.07A	4.42A
Open circuit voltage (Voc)	22.4V	22.4V	22.4V	21.6V	22.6V
Short circuit current (Isc)	2.38A	2.97A	3.61A	4.31A	4.68A
Cell efficiency	17.64%	17.64%	17.64%	17.64%	17.64%
Maximum system voltage			DC 600V		
Temp.Coeff.of Isc(TK Isc)			0.06%/°C		
Temp.Coeff.of Voc(TK Voc)			-0.35%/°C		
Temp.Coeff.of Pmax(TK Pmax)			-0.4%/°C		
Normal Operating Cell Temperature			45±2°C		
Tolerance			±3%		

## P36PCS(POLY) 85W~120W

### Product Specification

Model type	85W	90W	100W	110W	120W
Peak power(Pmax)	85W	90W	100W	110W	120W
Weight	7kg	7kg	8kg	8.6kg	9.6kg
Dimensions(mm)	900x670x30	900x670x30	1000x670x30	1120x670x30	1250x670x30
Maximum power voltage (Vmp)	17.6V	17.8V	17.8V	17.8V	17.8V
Maximum power current (Imp )	4.83A	5.06A	5.62A	6.18A	6.74A
Open circuit voltage (Voc)	22.4V	22.6V	22.4V	21.4V	21.4V
Short circuit current (Isc)	5.12A	5.36A	5.95A	6.55A	7.15A
Cell efficiency	17.64%	17.64%	17.64%	17.64%	17.64%
Maximum system voltage			DC 600V		
Temp.Coeff.of Isc(TK Isc)			0.06%/°C		
Temp.Coeff.of Voc(TK Voc)			-0.35%/°C		
Temp.Coeff.of Pmax(TK Pmax)			-0.4%/°C		
Normal Operating Cell Temperature			45±2°C		
Tolerance			±3%		

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