

P36PCS(POLY)

10W~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/m²)



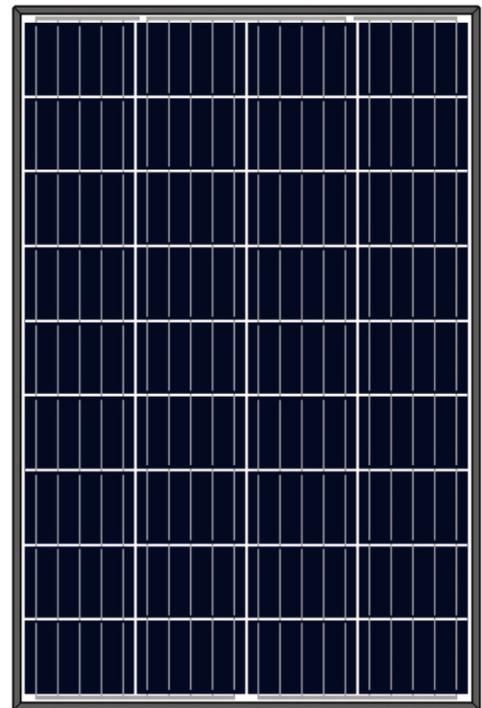
100% EL online inspection

Better module reliability



Ammonia & salt resistance

According to IEC 62716 IEC61701 IEC61215 IEC61730



Reliability & Certification

Product Guarantee: **5-year**



P36PCS(POLY) 10W~30W

Product Specification

| Model type | 10W | 15W | 20W | 25W | 30W |
|-----------------------------------|------------|------------|------------|------------|------------|
| Peak power(Pmax) | 10W | 15W | 20W | 25W | 30W |
| Weight | 1kg | 1.5kg | 2kg | 2.2kg | 2.6kg |
| Dimensions(mm) | 340x250x17 | 370x360x17 | 480x350x25 | 540x350x25 | 650x350x25 |
| Maximum power voltage (Vmp) | 17.8V | 17.4V | 17.3V | 17.6V | 17.3V |
| Maximum power current (Imp) | 0.57A | 0.87A | 1.16A | 1.43A | 1.74A |
| Open circuit voltage (Voc) | 22.4V | 21.5V | 21.7V | 21.8V | 21.7V |
| Short circuit current (Isc) | 0.61A | 0.95A | 1.26A | 1.51A | 1.89A |
| 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) 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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