

p.n. 420008

50W poly solar panel with 3m 2mm² cable, without connector

P36PCS(POLY)
50W
Poly-Crystalline Photovoltaic Module



Positive power tolerance

0 ~ +5SW



Withstand strong snow load

5400 Pa/ wind load 2400 Pa



Excellent low light performance

3.5% relative eff.reduction at
low-irradiance (200W/m²)



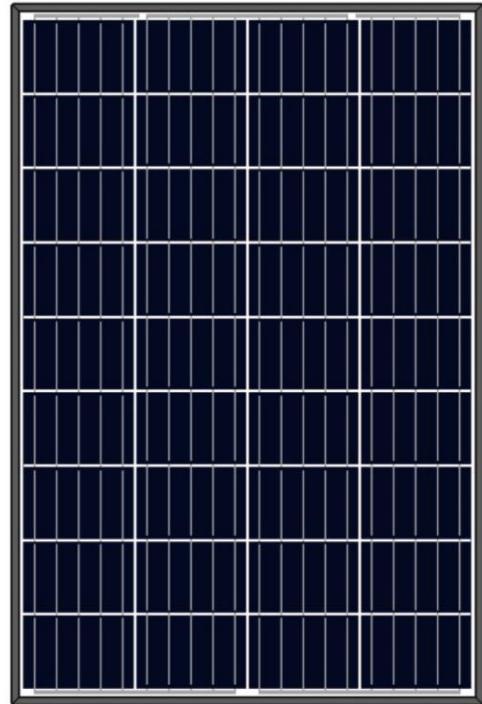
100% EL online inspection

Better module reliability



Ammonia & salt resistance

According to IEC 62716 IEC61701 IEC61215 IEC61730



Reliability & Certification

Product Guarantee: 5-year



P36PCS(POLY) 50W Product Specification

Model type	50W
Peak power (Pmax)	50W
Weight	4.2kg
Dimensions (mm)	540x670x30
Maximum power voltage (Vmp)	17.8V
Maximum power current (Imp)	2.81A
Open circuit voltage (Voc)	22.4V
Short circuit current (Isc)	2.97A
Cell efficiency	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%