

P36PCS

170W/165W/160W/155W/150W

PRODUCT SPECIFICATION



- Industry leading module power output warranty
- International quality, safety and performance certifications
- Manufacturing facility certified to ISO9001 quality management system standards
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers



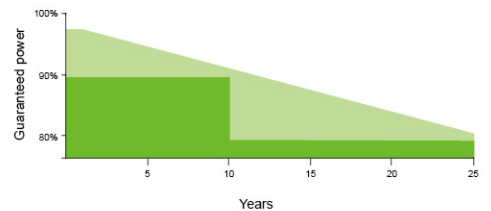
WARRANTIES

12 years for product defects in materials & workmanship

12 years for 90% of warranted minimum power output

25 years for 80% of warranted minimum power output

25 years linear warranty



QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION

P36PCS 170W/165W/160W/155W/150W PRODUCT SPECIFICATION

Electrical parameters at standard test conditions
(STC:AM=1.5, 1000W/m², cells Temperature 25°C)

Typical type	170W	165W	160W	155W	150W
Max power(Pmax) w	170	165	160	155	150W
Max power voltage(Vmp)	19.47	19.07	18.80	18.42	18.23
Max power current(Imp)	8.73	8.65	8.51	8.41	8.22
Open circuit voltage(Voc)	23.44	22.92	22.56	22.1	21.87
Short circuit current(Isc)	9.27	9.17	9.02	9.5	9.28
Max system voltage	DC1000V				
Cell efficiency(%)	19.79	19.21	18.62	18.22	17.64

Mechanical Data

Dimensions	1482×680×35mm (58.35×39.06×1.38 inch)
Weight	12kgs
Front glass	3.2 mm tempered glass
Output cables	900mm ² symmetrical lengths 1000 mm
Connectors	MC4 compatible IP67
Cell type	Poly crystalline silicon 156mmx156mm
Number of cells	36 cells in series

Temperat Ure Characteristics

Temp. Coeff. of Isc(TK Isc)	0.07% / °C
Temp. Coeff. of Voc(TK Voc)	(-0.36%) / °C
Temp. Coeff. of Pmax(TK Pmax)	(-0.38%) / °C
Operating temperature	(-40~+85%) °C
Normal operating cell temperature	45±2°C

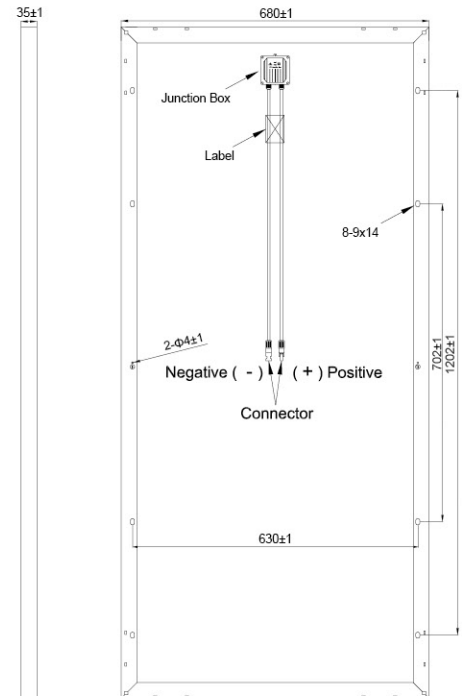
Packing Configuration

Container	20'GP	40'GP	40'HQ
Pieces per pallet	64	64	80
Pallets per container	7	15	15
Pieces per container	448	960	1200

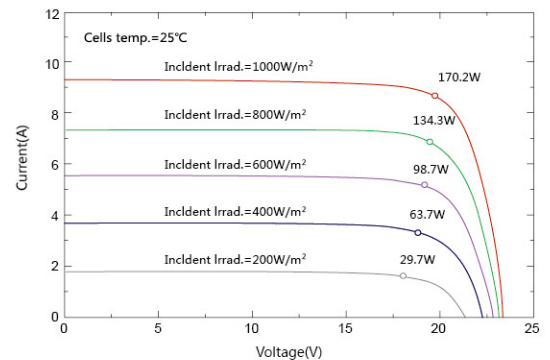
Tests, Certificati Ons and Warranties

Standard tests	IEC 61215, IEC 61730
System certs	ISO 9001, ISO14001
Certifications	TUV, CE, MCS, PV CYCLE, CEC, CHUBB
Extreme wind and snow loads testing	Withstand extreme wind(2400 Pascal) and snow loads(5400 Pascal)
Positive tolerance	0~+3%
Junction box	IP65
Warranties	12 years product warranty and 25 years 80% of power

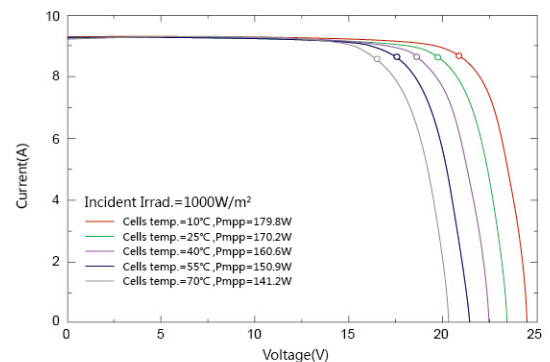
Dimensions and Structure



I-V Curve



I-V Curves at different irradiance



I-V Curves at different temperature