

# P72PCS

310W/305W/300W/295W/290W

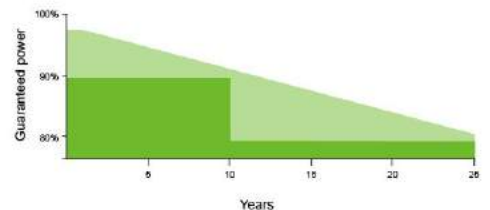
## PRODUCT SPECIFICATION



- 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

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# P72PCS 310W/305W/300W/295W/290W PRODUCT SPECIFICATION

Electrical parameters at standard test conditions  
(STC:AM=1.5, 1000W/m<sup>2</sup>, Cells Temperature 25°C )

Typical type	310W	305W	300W	295W	290W
Max power(Pmax)	310	305	300	295	290
Max power voltage(Vmp)	36.49	36.36	36.19	36.04	35.89
Max power current(Imp)	8.49	8.39	8.29	8.19	8.09
Open circuit voltage(Voc)	45.98	45.81	45.67	45.59	45.5
Short circuit current(Isc)	8.92	8.81	8.74	8.68	8.65
Cell efficiency(%)	18.2	17.9	17.6	17.3	17
Module Efficiency(%)	15.97	15.72	15.46	15.20	14.95
Max system voltage	DC1000V				
Maximum Series Fuse Rating	15A				

## Mechanical Data

Dimensions	1956x992x50mm
Weight	23kgs
Front glass	3.2 mm tempered glass
Output cables	4 mm <sup>2</sup> symmetrical lengths 900 mm
Connectors	MC4 compatible IP67
Cell type	Poly Crystalline Silicon 156mmx156mm
Number of cells	72 cells in series

## Temperature 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

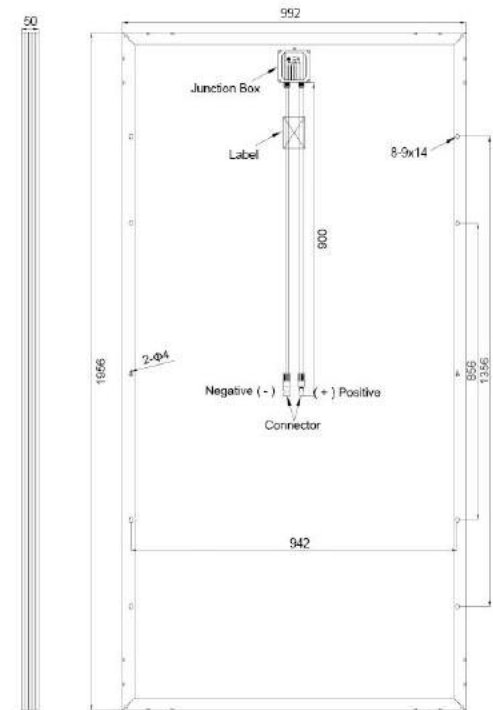
## Packing Configuration

Container	20'GP	40'GP	40'HQ
Pieces per pallet	38	38	46
Pallets per container	5	11	11
Pieces per container	190	418	506

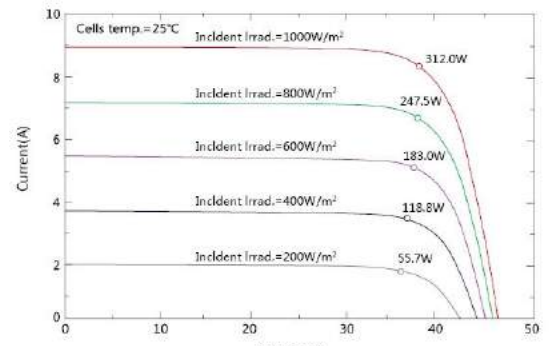
## Tests, Certifications and Warranties

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	IP67
Warranties	12 years material and workmanship and 25 years output at least 80%

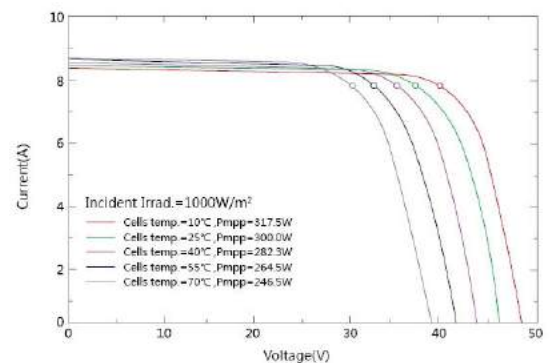
## Dimensions and Structure



## I-V Curve



I-V Curves at different irradiance



I-V Curves at different temperature

# P60PCS

260W/255W/250W/245W/240W

## 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

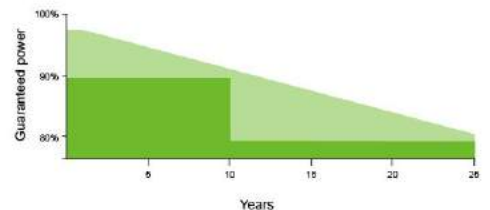
## WARRANTIES

**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



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# P60PCS 260W/255W/250W/245W/240W PRODUCT SPECIFICATION

Electrical parameters at standard test conditions  
(STC:AM=1.5, 1000W/m<sup>2</sup>, Cells Temperature 25°C )

Typical type	260W	255W	250W	245W	240W
Max power(Pmax)	260	255	250	245	240
Max power voltage(Vmp)	30.43	30.41	30.39	30.25	30.18
Max power current(Imp)	8.54	8.28	8.23	8.1	7.96
Open circuit voltage(Voc)	37.12	37.1	36.97	36.8	36.72
Short circuit current(Isc)	9.65	9.34	9.29	9.15	8.99
Cell efficiency(%)	18.34	17.98	17.6	17.2	17
Module Efficiency(%)	15.98	15.67	15.37	15.06	14.75
Max system voltage	DC1000V				
Maximum Series Fuse Rating	15A				

## Mechanical Data

Dimensions	1640x992x40/35mm
Weight	18kgs
Front glass	3.2 mm tempered glass
Output cables	4 mm <sup>2</sup> symmetrical lengths 900 mm
Connectors	MC4 compatible IP67
Cell type	Poly Crystalline Silicon 156mmx156mm
Number of cells	60 cells in series

## Temperature 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

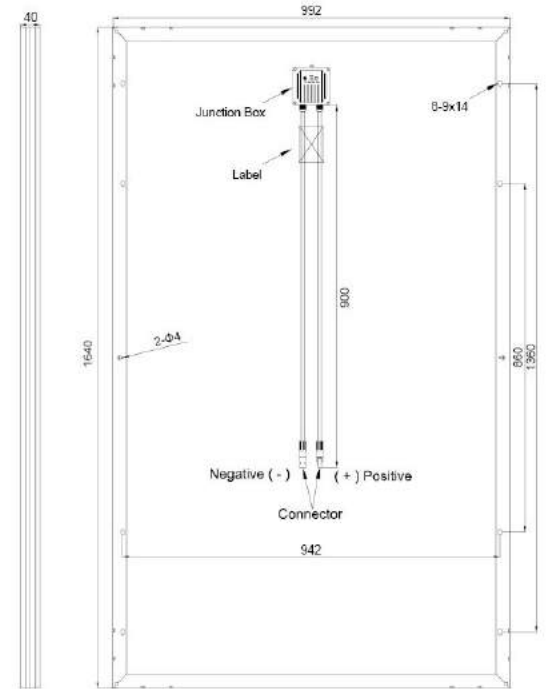
## Packing Configuration

Container	20'GP	40'GP	40'HQ
Pieces per pallet	46	46	56
Pallets per container	6	14	14
Pieces per container	276	644	784

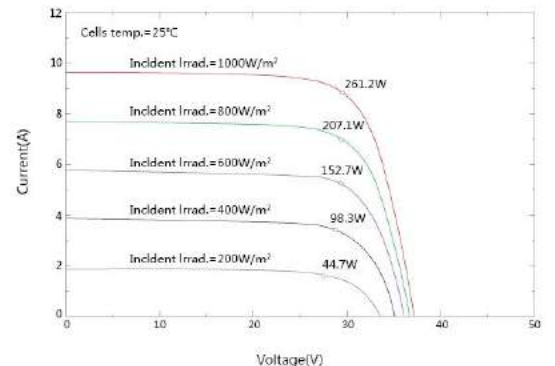
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System certs	ISO 9001, ISO14001
Certifications	TUV,CE,MCS,PV CYCLE,CEC,CHUBB
Extreme wind and snow loads testing	Withstand extreme wind(2400 Pascal) and snow loads(5400 Pascal)
Positive tolerance	0~+3%
Junction box	IP67
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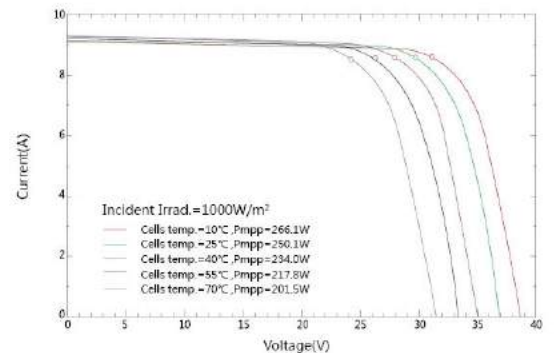
## Dimensions and Structure



## I-V Curve



I-V Curves at different irradiance



I-V Curves at different temperature