



HISUNAGE

SOLARITY
Your solar partner

AUTHORISED RESELLER

P72PCS

310W/305W/300W

PRODUCT SPECIFICATION



- Industry leading module power output warranty
- International quality, safety and performance
- High-reliability with guaranteed 0/+5 Wp peak power
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Aesthetic appearance, good durability and easy installation
- Salt mist certified



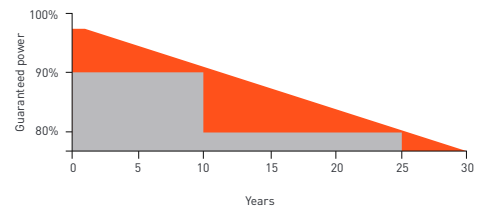
Warranties

12 years for product defects in materials and workmanship

10 years for 90% of warranted minimum power output

25 years for 80% of warranted minimum power output

30 years linear warranty



QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION

P72PCS 300W 305W 310W

Product specification

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

Typical type	300W	305W	310W
Max power (Pmax) w	300W	305W	310W
Max power voltage (Vmp)	36.19	36.36	36.49
Max power current (Imp)	8.29	8.39	8.49
Open circuit voltage (Voc)	45.67	45.81	45.98
Short circuit current (Isc)	8.74	8.81	8.92
Max system voltage	DC1000V(TUV)/600V(UL)		
Cell efficiency(%)	17.6	17.9	18.2
Module efficiency (%)	15.46	15.72	15.97

Mechanical Data

Dimensions	1956 x 992 x 50mm
Weight	23kgs
Front glass	3.2mm tempered glass
	TUV (2Pfg1169:2007), UL 4703, UL44 4.0
Output cables:	4mm ² (0.006 inches ²) symmetrical lengths 900 mm
Connectors:	MC4 compatible IP67
Temperature:	(-40°C to +85°C)

Temperature Characteristics

Pmax temperature coefficient	(-0.40%) / °C
Voc temperature coefficient	(-0.32%) / °C
Isc temperature coefficient	(+0.08%) / °C
Operating temperature	(-40~+85) °C
Nominal operating cell temperature	(NOCT) 45 ± 2 °C

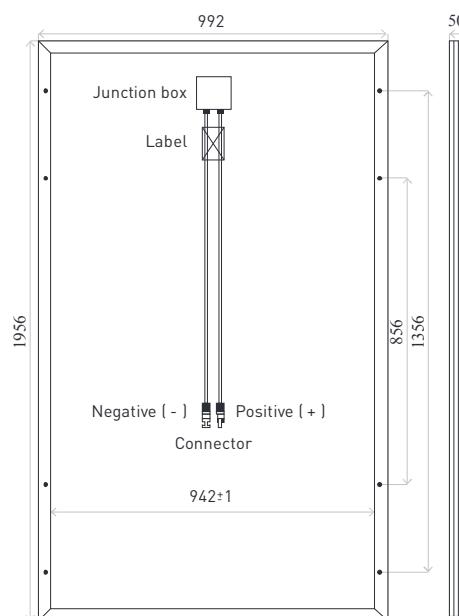
Packing Configuration

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

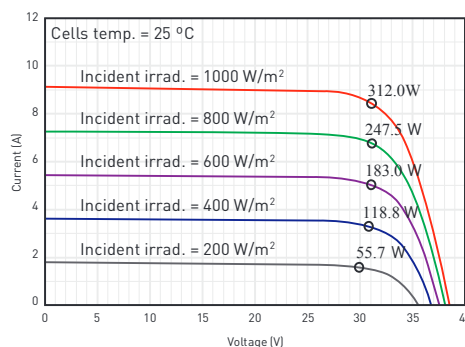
Tests, Certifications and Warranties

Standard tests	IEC 61215, IEC 61730
System certs	ISO 9001, ISO 14001
Certifications	TUV, MCS
Extreme wind and snow loads testing withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal)	
Positive tolerance	0~+5w
Junction box	IP67 Rated
Warranties	12-year material and workmanship and 25-year output at least 80%.

Dimensions and Structure



I-V Curve



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