

DHP72

300~330W

POLYCRYSTALLINE SOLAR PV MODULE

KEY FEATURES



High Efficient Solar Panel Can Be Used In Commercial And Civil Solar Projects



The main grid photovoltaic cell
A more uniform current collecting ability, reducing heat loss of the current internal cell components, good appearance,
More suitable for roof installation.



Anti-reflective Glass Is Good For Improving Absorption Of Light And Makes It Easier For Rain To Clear The Solar Panel.Power Loss Caused By Dust Is Reduced



Excellent Power Performance Even In Low-light Environments



Wind Load:2400pa.snow Load:5400pa



Certified By Tuv,excellent Salt Spray And Ammonia Corrosion Resistance



The Whole System Performace Is Improved By Classifying Current



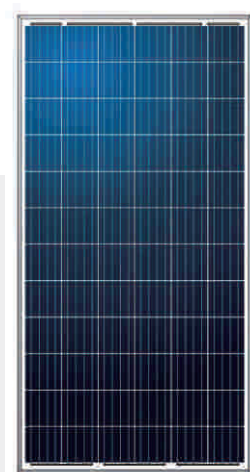
Pid Resistant

Reliable Quality

- ◆Positive (0~+5W) power output.
- ◆100% double EL testing inspection,effectively exclude products defects.

Certificates

- ◆ TUV,IEC,CE,CEC and CQC
- ◆ ISO9001:2008 Quality Management System
- ◆ ISO10004:2004 Environmental Management System
- ◆ OHSAS 18001:2007 Occupation Health Safety Management System



Anhui Daheng Energy Technology Co.,Ltd (DH Solar) was established in 2009 with 50 Million RMB registration Capital. DH Solar involved in PV Module, PV Power Project and relative products researching, producing, marketing and engineering, products and projects import & export business. The company cover an area of 18,000 square meters, annual capacity is 400 Mw. DH Solar is honored to be the Vice President Enterprise of Hefei New Energy Industry Association.

DH Solar professional in researching, producing Solar PV Module, its Products extensively export to EU, Central & South America, Australia, Southeast Asia. PV power plant system mainly locate in EU, Central & South America, Africa, Southeast Asia, Mid-East and Domestic market.

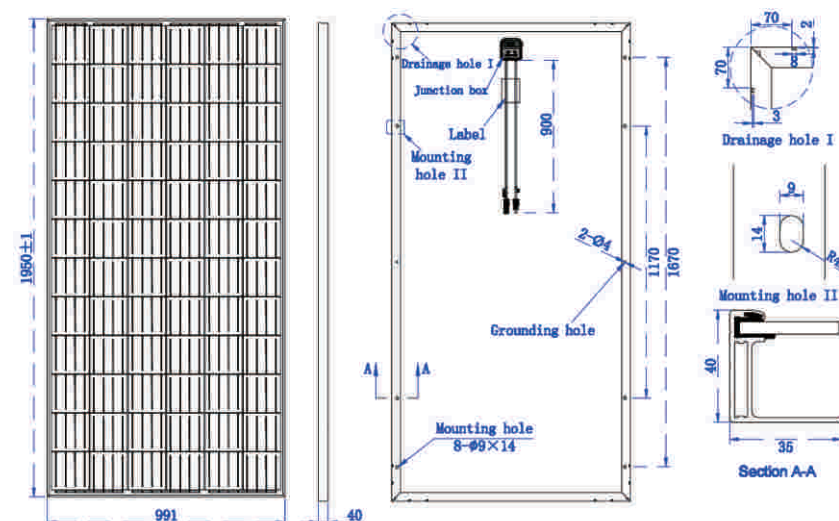
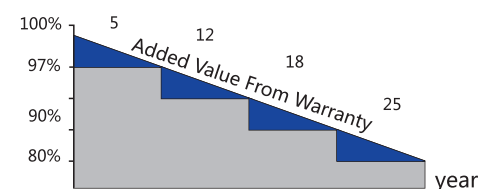
Our products are approved by TUV, IEC, CE, CEC, etc International Certificates , CQC, ISO9001, ISO14001, OHSAS18001, etc domestic certificates. DH solar also has obtained National High Tech Enterprise Certificate.

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More Reliable Modules,More Reasonable Prices

Superior Warranty

- ◆10-year product warranty
- ◆25-year linear power output warranty



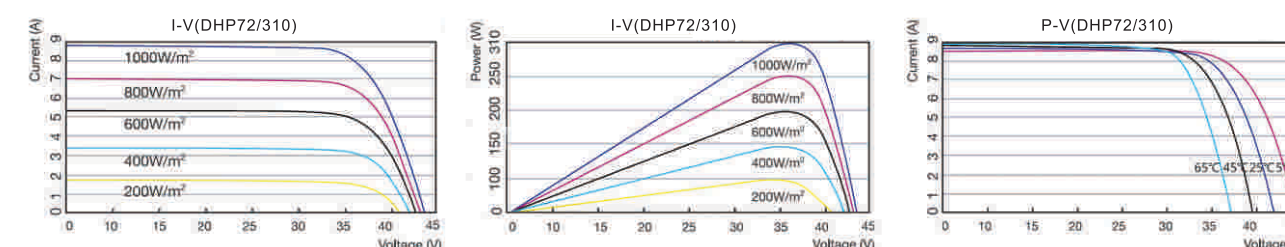
ELECTRICAL CHARACTERISTICS(Standard test conditions)

MODEL	DHP 72-330	DHP 72-325	DHP 72-320	DHP 72-315	DHP 72-310	DHP 72-305	DHP 72-300
Maximum Power	330W	325W	320W	315W	310W	305W	300W
Open Circuit Voltage(Voc)	46.8V	46.5V	46.2V	46.0V	45.7V	45.4V	45.2V
Maximum Power Voltage (Vmpp)	37.6V	37.5V	37.4V	37.2V	37.0V	36.9V	36.4V
Short Circuit Voltage (Isc)	9.3A	9.1A	9.1A	9.0A	8.9A	8.8A	8.7A
Maximum Power Current (Impp)	8.8A	8.7A	8.6A	8.5A	8.4A	8.3A	8.2A
Module Efficiency	16.8%	16.8%	16.6%	16.3%	16.0%	15.8%	15.5%
Power Tolerance	0 ~ +5W						
Temperature Coefficient of Isc	0.059%/°C						
Temperature Coefficient of Voc	- 0.330%/°C						
Temperature Coefficient of Pmax	- 0.410%/°C						
Standard TestEnvironment	Irradiance1000W/m², Panel temperature 25°C, Spectrum AM1.5						

ELECTRICAL CHARACTERISTICS (NOCT)

MODEL	DHP 72-330	DHP 72-325	DHP 72-320	DHP 72-315	DHP 72-310	DHP 72-305	DHP 72-300
Maximum Power	239.7W	235.9W	232.3W	228.7W	225.1W	221.4W	217.8W
Open Circuit Voltage(Voc)	42.6V	42.3V	42.1V	41.9V	41.7V	41.5V	42.3V
Maximum Power Voltage (Vmpp)	34.7V	34.5V	34.3V	34.1V	34.0V	33.8V	33.8V
Short Circuit Current (Isc)	7.3A	7.2A	7.1A	7.1A	7.0A	7.0A	6.9A
Max Power Current (Impp)	6.9A	6.9A	6.8A	6.7A	6.6A	6.6A	6.6A
Standard TestEnvironment	Irradiance800W/m², Panel temperature 20°C, Spectrum AM1.5, Wind speed 1m/s						

I-V CURVE



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PACKAGING STRUCTURE

	20GP	40GP
Container	20GP	40GP
Pieces Per Pallet	27	27
Pallets Per Container	10	24
Pieces Per Container	270	648

MECHANICAL PARAMETERS

Cell Type	polycrystalline156 × 156mm
Weight	24kg
Dimensions (A X B X C)	1950 × 991 × 40mm
Cable Section Area	TUV,Length900mm,4.0mm²
Number of Cells	72 (6 × 12)
Front Glass	4.0mmTempered low iron glass
Frame	Anodized aluminum
Junction Box	IP67,3bypass diodes
Connector	MC4 or MC4 compatible
Packaging information	27 Pieces Per Pallet

WORKING PARAMETERS

Maximum system voltage	DC1000V
Operating Temperature	-40 ~ +85°C
Maximum Series Fuse	15A
The maximum static load, the front (Snow Load)	5400Pa(112lb/ft²)
Maximum static load, back (Wind load)	2400Pa(50lb/ft²)
Rated Operating Temperature	45 ± 2°C
Application level	Class A