

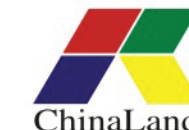
CHN 72P

P156x156

High-Performance 72 Cell Poly crystalline
156x156mm
Solar Photovoltaic Module

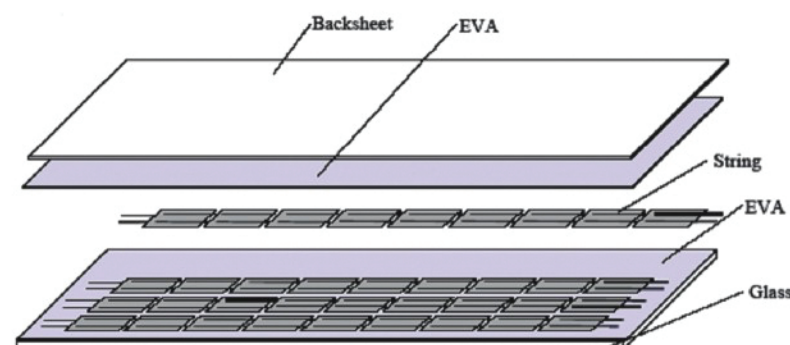
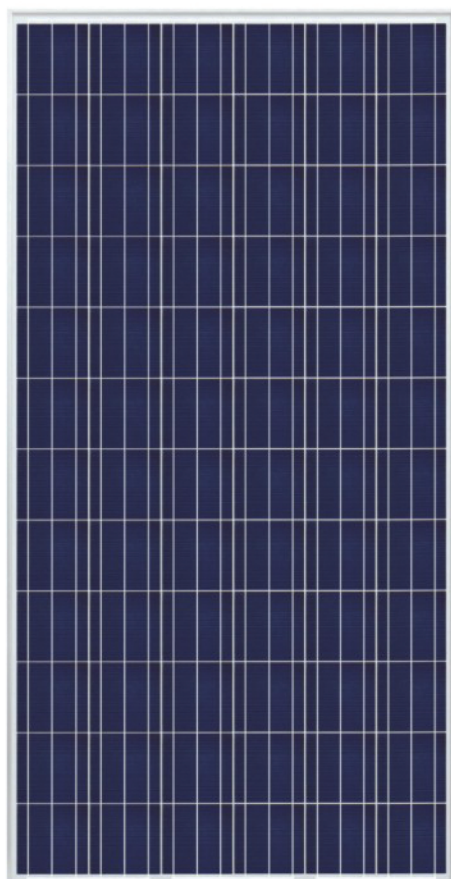
295W 320W

CHINALAND SOLAR ENERGY
www.chnland.com



We focus on precise production and provide Customer with best cost-effective products to create Market Value for Customer

CHN 72P 295W/300W/305W/310W/315W/320W



- Power tolerance (0~+3%) to ensure the high reliability of power output
- Modules certified by TUV to with stand high level of wind loads (2400 Pa) and snow loads(5400 Pa)
- Special PV Module Insurances by world leading insurance company guarantees the benefit of PV investors and PV module users
- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect"

Guaranteed Performance**

10 Years Manufacturing Warranty

12 Years Warranty 90% Power Output

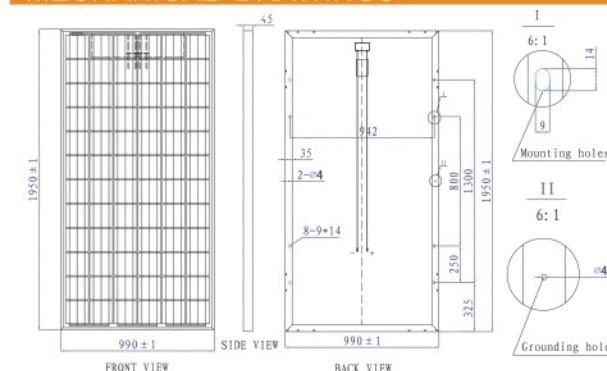
25 Years Warranty 80% Power Output

Free module recycling through membership in the Ceres Cycle Association

choosing chinaland solar

- The most vertically integrated solar manufacturer in the industry with production of ingots, wafer, solar cells and modules using both mono crystalline and multi crystalline technology.
- Global distribution with local warehousing, delivery and after sales services.
- Modules certified by global testing facilities: IEC61215, IEC61730, CE, ROHS.
- Manufacturing with international quality standards and environment management system: ISO9001 and ISO14001.
- Most updated design with drainage holes in the frame ensures the modules to withstand various weather conditions.
- Minimal wiring effort required as the module has high reverse current resistance.

MECHANICAL DRAWINGS



MECHANICAL SPECIFICATION

Cell Type	Poly Crystalline 156x156mm
Number of cells	72(6x12)
Dimensions(AxBxC)	1950x990x45mm
Weights	24kg
Front Glass	3.2mm tempered low iron glass
Frame	Clear anodized aluminum alloy
Junction Box	IP67, with bypass diodes
Connector	MC4 compatible
Output Cables	TUV, ±length 900mm, 4.0mm ²

ELECTRICAL CHARACTERISTICS

	295W	300W	305W	310W	315W	320W
Maximum Power at STC(Pmax)	295W	300W	305W	310W	315W	320W
Short Circuit Current(Isc)	8.64A	8.71A	8.78A	8.86A	8.93A	9.03A
Open Circuit Voltage(Voc)	43.3V	43.6V	43.7V	44.0V	44.3V	44.6V
Maximum Power Current(Imp)	8.08A	8.17A	8.27A	8.36A	8.44A	8.53A
Maximum Power Voltage(Vmpp)	36.5V	36.7V	36.9V	37.1V	37.3V	37.5V
Module Efficiency	15.28%	15.54%	15.80%	16.06%	16.32%	16.58%
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%

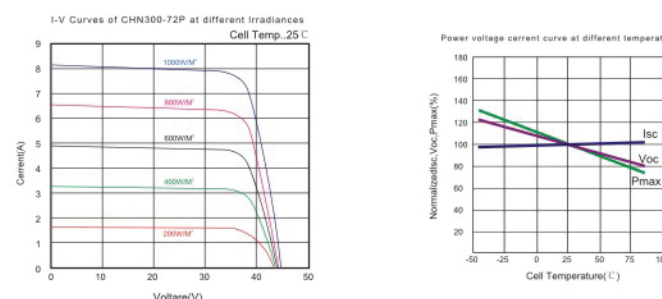
STC: irradiance 1000W/m² Module temperature 25°C AM=1.5

TEMPERATURE CHARACTERISTICS

Norminal Operating Cell Temperature (NOCT)	45°C ±2°C
Temperature Coefficient of Pmax	-0.44% / °C
Temperature Coefficient of Voc	-0.34% / °C
Temperature Coefficient of Isc	0.06% / °C

PACKING CONFIGURATION

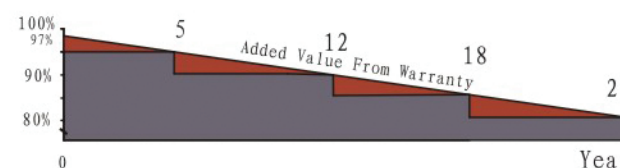
Container	20'GP	40'GP
Pieces per pallet	24	24
Pallets per container	10	24
Pieces per container	240	576



SYSTEM INTEGRATION PARAMETERS

Maximum system voltage	VDC 1000V
Maximum Series Fuse	15A
Increased snowload acc. to IEC 61215	5400Pa
Operating Temperature	-40to+85°C
Number of bypass diodes	3 or 6

INDUSTRY-LEADING WARRANTY BASED ON NOMINAL POWER



- Based on nominal power(pnom)
- 25-year transferrable power output warranty: 5 years/95%, 12 years/90%, 18 years/85%, 25 years/80%
- 10-year material and workmanship

QUALIFICATIONS AND CERTIFICATES

