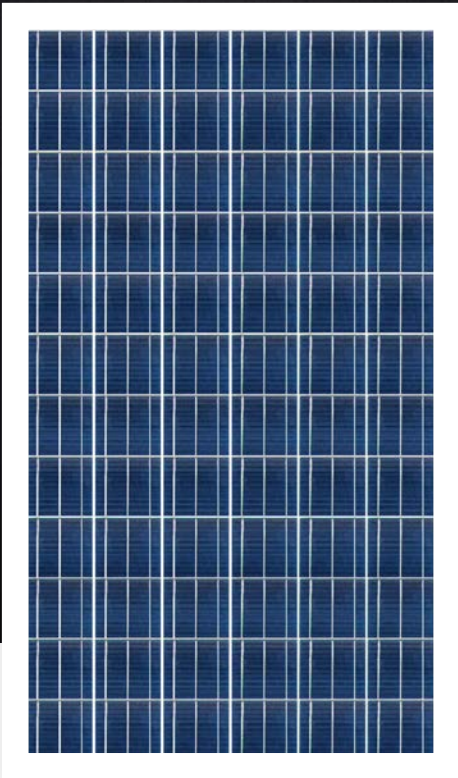


ADSTI 72P

P156x156

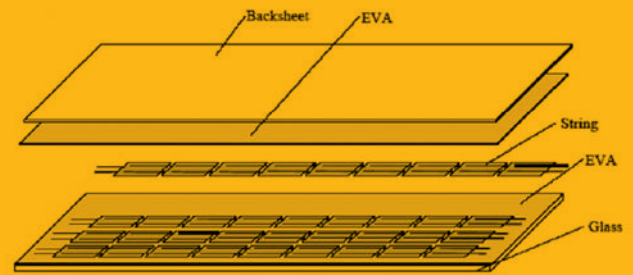
We focus on precise production and provide Customer with best cost-effective products to create Market Value for Customer

ADSTI 72P 280W/285W/290W/295W/300W/305W/310W/315W



High Performance 72 Cell Poly Crystalline

Solar Photovoltaic Module 280W>315W



Power tolerance (0~+3%) to ensure the high reliability of power output



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 ADSTI Solar Partners

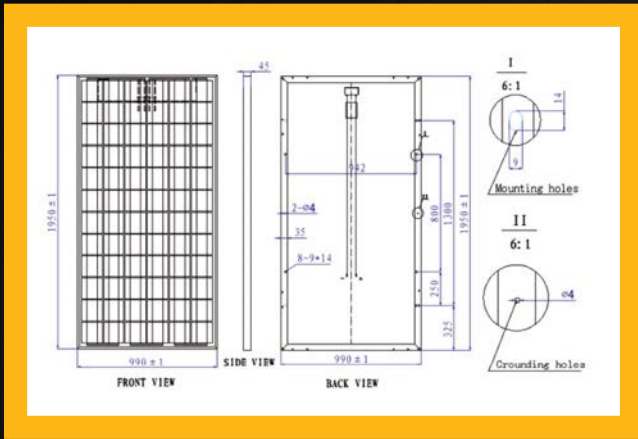
- The most vertically integrated solar manufacturer in the industry with production modules using both mono crystalline and multi crystalline technology.
- Global distribution with local warehousing, delivery and after sales services.
- Most updated design with drainage holes in the frame ensures the modules to withstand various weather conditions
- Minimal wiring effort required as the module has high reverse current resistance.



Address: 15 Am Eicherwald, 55234 Wendelsheim - Germany
Phone: 06734/9140214
Email: info@adsti.de

www.adsti.de

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 aluminium alloy
Junction Box	IP 65, with bypass diodes
Connector	MC4 compatible
Output Cables	TUV, ± length 900mm, 4.0mm ²

ELECTRICAL CHARACTERISTICS

Maximum Power at STC(Pmax)	280W	290W	295W	300W	305W	310W	315W
Short Circuit Current(Isc)	8.68A	8.57A	8.64A	8.71A	8.78A	8.86A	8.93A
Open Circuit Voltage(Voc)	44.0 V	43.2 V	43.3V	43.6V	43.7V	44.0V	44.3V
Maximum Power Current(Imp)	7.89A	8.00A	8.08A	8.17A	8.27A	8.36A	8.44A
Maximum Power Voltage(Vmpp)	35.5V	36.3V	36.5V	36.7V	36.9V	37.1V	37.3V
Module Efficiency	15.0%	15.02%	15.0%	15.04%	16.0%	16.0%	16.0%
Power Tolerance	0~+3%	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

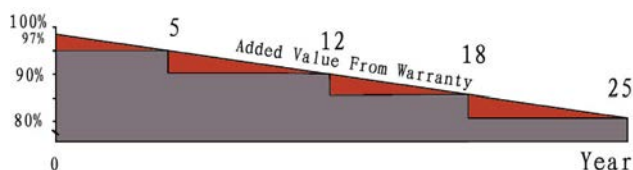
PACKING CONFIGURATION

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
Operating Temperature	- 40 to + 85°C
Increased snowload acc. to IEC 61215	5400Pa
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



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