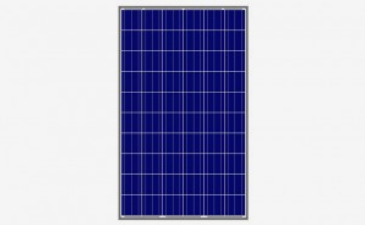
AMERISOLAR POLYCRYSTALINE

Amerisolar, Worldwide Energy and Manufacturing USA Co., Ltd, is a professional solar module manufacturer with a 21-year experience in production and quality control, that produce solar modules into the range of 60 to 330 W, with production lines in Taiwan, South Korea and Portugal, and a total production capacity of 820 MW



Panel-Solar-Amersiolar

Amerisolar's photovoltaic modules are designed for large electrical power requirements. With a 30- year warranty, offers high-powered, reliable performance for both on- grid and off-grid solar projects.

Key Features

- High module conversion efficiency up to 17.01% through advanced manufacturing technology.
- Low degradation and excellent performance under high temperature and low light conditions.
- Robust aluminum frame ensures the modules to withstand wind loads up to 2400Pa and snow loads up to 5400Pa.
- Positive power tolerance of 0 / + 3 %.
- High ammonia and salt mist resistance.

Quality Certificates

- IEC61215,IEC61730, IEC62716, IEC61701, UL1703, CE, ETL, JET, J-PEC, MCS, CEC, FSEC, CSI Eligible, Israel Electric, Kemco, InMetro, TSE.
- ISO9001:2008: Quality management system
- ISO14001:2004: Environmental management system
- OHSAS18001:2007: Occupational health and safety management system

Special Warranties

- 12 year limited product warranty.
- Limited power warranty: 12 years 91.2 % of the nominal power output, 30 years 80.6% of the nominal power output

SPECIFICATIONS

		AS-6P18-150
Number of cells		36
Cell type		Polycrystaline 6"
Maximum System voltage		1000 V
Electrical specifications *		
Nominal Power	Pmax	150 Wp
Power output tolerance		0 / +3%
Maximum power voltage	Vmpp	18,2 V
Open circuit voltage	Voc	22,4 V
Maximum power current	Impp	8,25 A
Short circuit current	Isc	8,70 A
Temperature Ratings		
Open circuit voltage coeficient	Tk Voc	-0,33 % / °C
Short circuit current coeficient	Tk Isc	0,056 % / °C
Operating temperature	NOCT	45 °C ±2 °C
Other specifications		
Dimmensions		1483 x 665 x 35 mm
Weight		12 Kgr.
Connection box		IP67 - 3 diodes Junction box
Cable		Cable 4 mm^2 - 900 mm
Connector		MC4 or MC4 compatible

* Standard Test Conditions STC: (Air Mass AM1.5, Irradiance 1000 W/m2, Cell temperature 25° C)

DOWNLOADS

CATÁLOGO / BROCHURE AS-6P18

AS-6P18-Module-Specification1.pdf Size: 670.12 KiB

CERTIFICADOS TUV AMERISOLAR

Amerisolar TUV Certification.pdf Size: 1.57 MiB