

IP-VA 180

HIGH EFFICIENCY MONOCRYSTALLINE PV MODULE



CHARACTERISTICS OF PEVAFERSA MODULES

Pevafera applies the latest technology and employs qualified professionals for the manufacturing process. The construction of the module is composed of 72 high-efficiency monocrystalline silicon cells, soldered with thin strips of tin and protected by a combination of a 4 mm low-iron tempered glass along with EVA and PYE and a thicker aluminum frame; all of this to ensure a first-class product that assures you a high output and peace of mind.

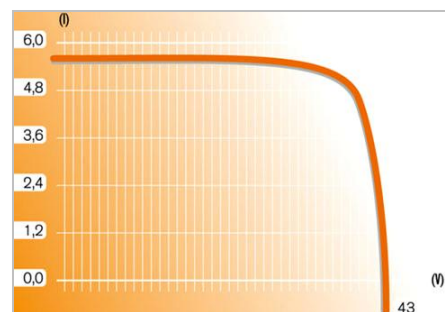
APPLICATIONS

- Residential
- Solar Farms
- Industrial
- Large Commercial Installations
- General Solar Applications
- Institutional / Government

FEATURES

- (+3/-2%) Tolerance Ratio
- 4mm Tempered Glass
- 72 Monocrystalline Silicon Cells
- Tin Soldering
- 46mm aluminum frame
- 25 year warranty
 - 90% - 12 years
 - 80% - 25 years

I-V CURVE

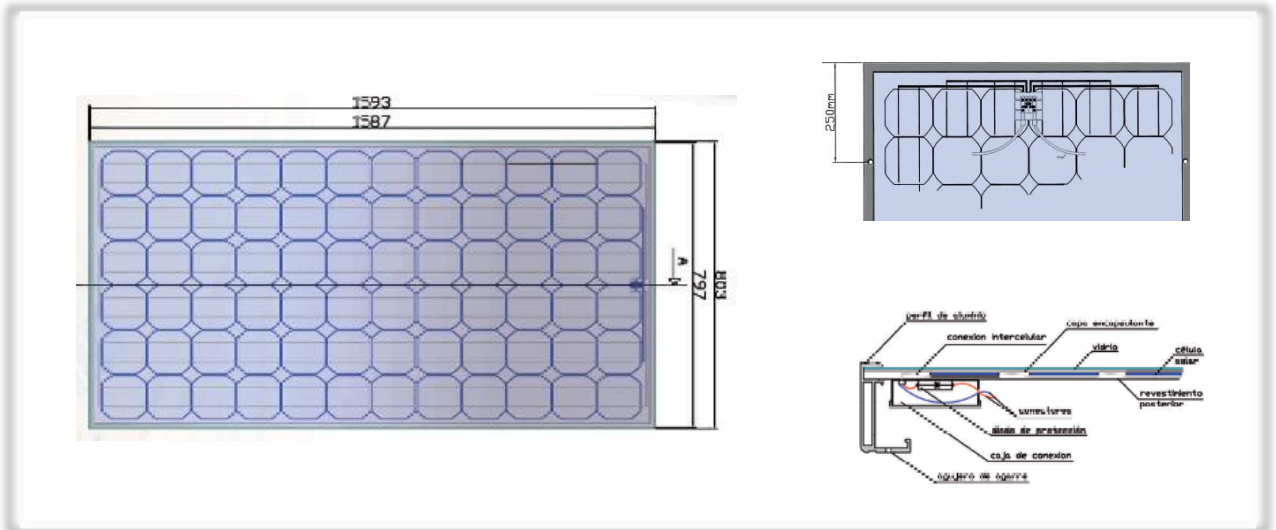


QUALIFICATIONS

- CENER & AENOR Laboratories
- UNE-EN-61215
- UL 1703
- CEC 400
- TÜV

• PHYSICAL

Unit: mm



• ELECTRICAL

ELECTRICAL PERFORMANCE UNDER STANDARD TEST CONDITIONS (*STC)

Model	Pmax (W) (+3/-2%)	Imp (A)	Vmp (V)	Isc (A)	Voc (V)	Isc (mA/K)	Voc (mV/K)	Pmax (mW/K)	^NOCT
IP-VA 180	180	5.1	35.3	5.4	43.1	+2.11	-144	-.44	47±1°C

*Values measured in terms of Standard Test Conditions: 1000W/m², 25°C, AM 1.5

^Nominal Operating Cell Temperature: 800W/m², 20°C, AM 1.5

• OTHER

OTHER SPECIFICATIONS

Model	Dimensions [in] (mm)	Weight [lbs] (Kg)	Cells	Operating Temperature	Maximum System Voltage
IP-VA 180	[64.60x38.94x1.91] (1641x989x46)	[51.7] (23.5)	72	-45/+85°C	1000v