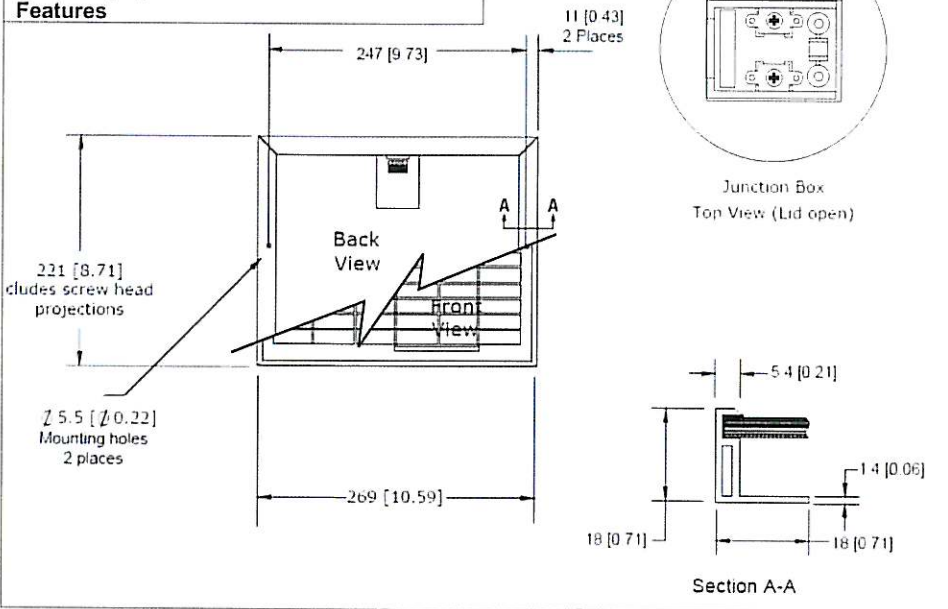


Electrical Characteristics	IS-5-12, 5W, 12V
Maximum power (Pmax)	5W
Voltage at Pmax (Vmp)	17V
Current at Pmax (Imp)	0.29A
Open-circuit voltage (Voc)	21.6V
Short-circuit current (Isc)	0.34A
Temperature coefficient of Voc	(0.065±0.015)%/ °C
Temperature coefficient of Isc	-(80±10)mV/°C
Temperature coefficient of power	-(0.5±0.05)%/ °C
NOCT (Air 20°C; Sun 0.8kW/m wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	600V DC
Power tolerance	± 5%

Module Diagram

Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit:mm[in.]

Features



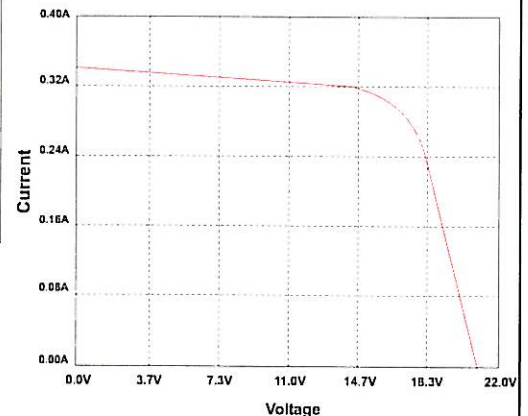
Features

- Nominal 12V DC for standard output.
- Outstanding low-light performance.
- Heavy-duty anodized frames.
- High transparent low-iron,tempered glass.
- Cells are laminated with TPT and EVA ensuring longer life and maximum performance.
- Rugged design to withstand high wind pressure, hail and snow load.
- Aesthetic appearance.
- 25 years limited power output warranty.
- Custom design capabilities allow us to meet unique customer demands

Specifications

IS-05-12, 5W, 12V

Cells	Multicrystalline silicon solar cell
No. of cells and connections	36(3X12)
Module Dimension	221mm[8.71in.]x269mm[10.59in.]x18mm[0.71in.]
Weight	0.75kg[1.65lbs]



Module IV Graph 5W