

## Aluminum Frame Film Encapsulated Solar Module



Can be used as battery charger for vehicle, boat electric fence, pump, solar power supply system etc.

Double glass lamination, provides better protection from the elements.

Weather resistant

Different power outputs available, ranging from 3 to 14 Watts

Multiple panels can be connected in an array to provide greater power.

Includes junction box and 6' leads terminating to alligator clamps

Blocking diode can be installed upon request to prevent reverse charging.

Mounting brackets and supporting rod can be provided upon request.

### Specifications

Dimension (mm)	Voc (V)	Isc (mA)	VI (V)	II (mA)	Rated power
315 X 925	21-23	1000 - 1220	13.5-18	700-900	10-15W

- Tested under standard conditions: AM1.5, 100mW/cm<sup>2</sup>, Module at 25°C.
- Alternate sizes and/or performance can be manufactured to OEM's specifications.

### Environmental durability

- **Working temperature range:** -40°C – 90°C
- **Hailstorms:** Solar module can withstand the impact of 25mm diameter hail striking the module surface at the speeds of up to 23 meters per second.
- **Wind:** The solar module can withstand wind speeds of up to 45 meters per second.
- **Moisture:** The cell can withstand moisture capacity of up to 85% at temperatures of up to 85°C.