



E-Youth Enterprise Co., Ltd.

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SR-175W

175W Monocrystalline Silicon Photovoltaic Module

FEATURE

- High power module using 125mm Single Crystal solar cell.
- This module with bypass diode minimizes the power drop by the shade.
- Cell conversion efficiency >17%.
- 72 solar cells and connection in series.
- DC 24V system. And DC 12V for option.
- Using optical low iron tempered glass, EVA resin, module with aluminum frame for outdoor use.

ABSOLUTE MAXIMUM RATING

- Operating temperature.....-40 to 85°C
- Storage temperature.....-40 to 85°C
- Dielectric withstand voltage.....DC 2200V(max)
- Maximum system voltage.....DC 600V



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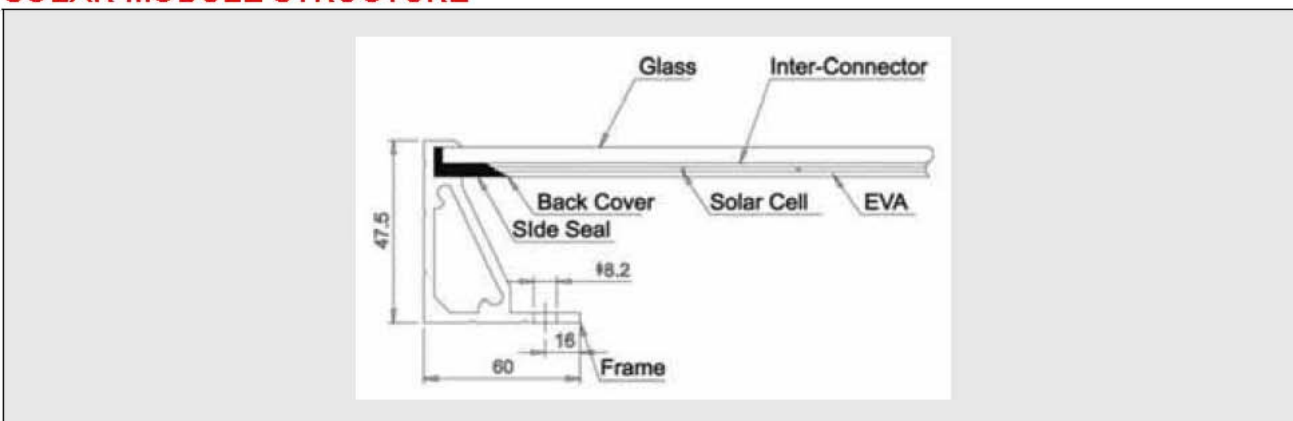
SPECIFICATION

PARAMETER		SYMBOL	MIN	TYP	UNIT
Maximum power	Irradiance 1000W/m ²	Pmax	168	175	W
Maximum power voltage		Vpm		35.5	V
Maximum power current		Ipm		4.8	A
Open circuit voltage	Ta=25°C	Voc		44.3	V
Short circuit current		Isc		5.2	A
Module efficiency				12	%
Series fuse rating				10	A
Dimensions			825x1574x47.5		mm
Weight			17		Kg

TERMINAL BOX

- Waterproof.
- Protection grade UL94, V-0.
- One by-pass diode and oversized connecting terminals.
- All screws can be easily tightened using flat or star screwdrivers.
- All connections are soldered for longer life.

SOLAR MODULE STRUCTURE





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SOLAR MODULE DIMENSION

