

Solar Panel

85 W

Top Quality
Mono/Poly - Crystalline
Photovoltaic Module

High power module using 125 mm Single Crystal solar cell

This module with bypass diode minimizes the power drop by the shade

Cell conversion efficiency > 16%

36 solar cells and connection in series

DC 12V system

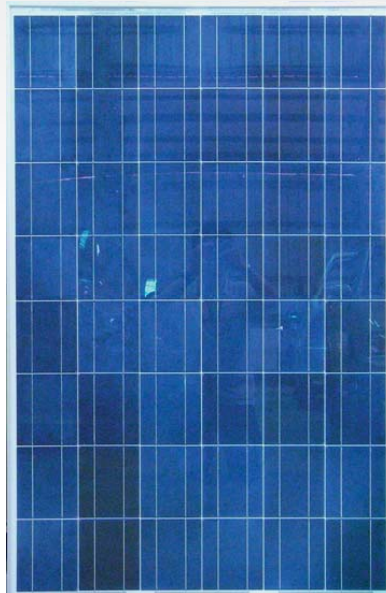
Using optical low iron tempered glass, EVA resin, module with aluminium frame for outdoor use

Operating temperature.....-40 to 85°C

Storage temperature.....-40 to 85°C

Dielectric withstand voltage.....DC2200V (max)

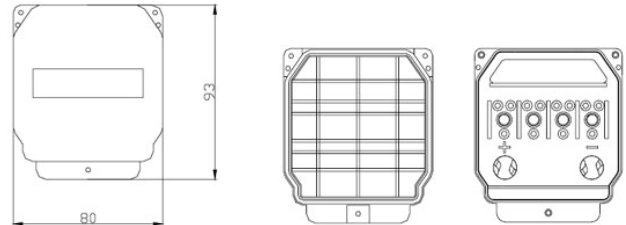
Maximum system voltage.....DC 600V



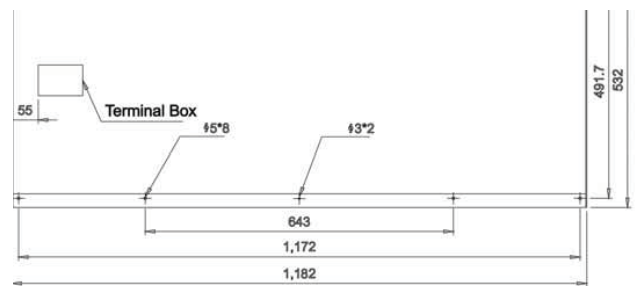
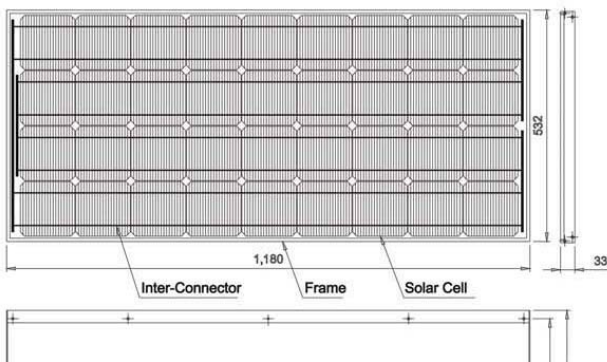
PARAMETER		SYMBOL	MIN	TYP
Maximum Power	Irradiance 1000W/m ² Ta=25°C	Pm	76.5	85W
Maximum Power Voltage		Vmp		17.8V
Maximum Power Current		Imp		4.8A
Open Circuit Voltage		Voc		22.2V
Short Circuit Current		Isc		5.2A
Module Efficiency				
Series Fuse Rating				10A
Dimensions			532 x 1182 x 33 mm	
Weight			7.6 kg	

Terminal Box

- Waterproof
- Protection Grade UL94,V-0
- One bypass 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 Dimension



Solar Module Structure

