



# 225W Multicrystalline Photovoltaic Panel

## Performance

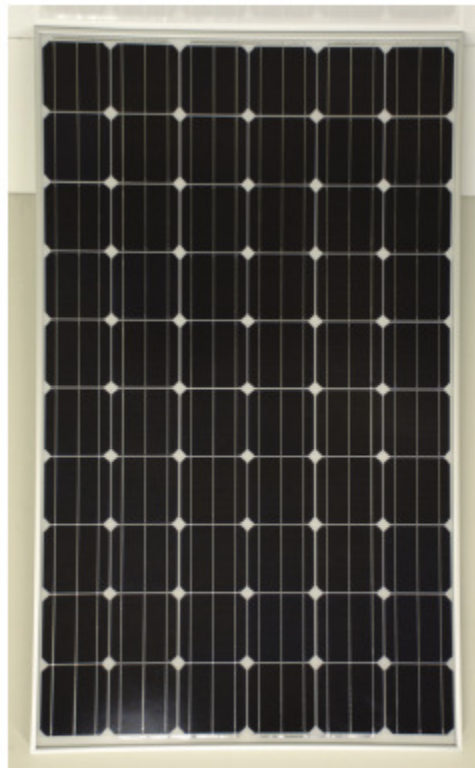
Current at Max Power	7.58A
Short-circuit Current (Isc)	8.09A

## Electrical Characteristics

Voltage at Pmax (Vmp)	29.6V
Current at Pmax (Imp)	7.58A
Open-circuit voltage (Voc)	36.9V
Temperature coefficient of Isc	0.0900%/°C
Temperature coefficient of Voc	-0.3700%/°C
Temperature coefficient of power	-0.4800%/°C
NOCT	50°C
Maximum system voltage	600V

## Mechanical Characteristics

Dimensions	Length: 1652mm Width: 990mm Depth:50mm Weight: 24kg
Solar Cells	60 cells (156mm x 156mm) (6x10)
Junction Box	MIM Slim, IP-65 Rated, UL Approved
Connectors	MC-4, IP-67, UI Approved
Output Cables	1m cable (39 3/8"), 12 AWG, UL Approved
Diodes	15A
Construction	Front: Low Iron, 4mm tempered glass Back: Black or White (UV Protected) Encapsulant: EVA (0.46 Thickness)
Frame	Anodized aluminum alloy type 6063-T5
Weight (kg) / (lb)	24/53



**UL 1703**



**Buy American Act Compliant**

1. Module Warranty: 25-year limited warranty of 80% power output; 10-year limited warranty of 90% power output; 5-year limited warranty of materials and workmanship
2. This data represents the performance of a typical PV module and is based on measurements made in accordance with STC



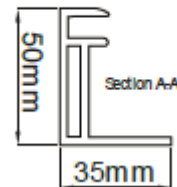
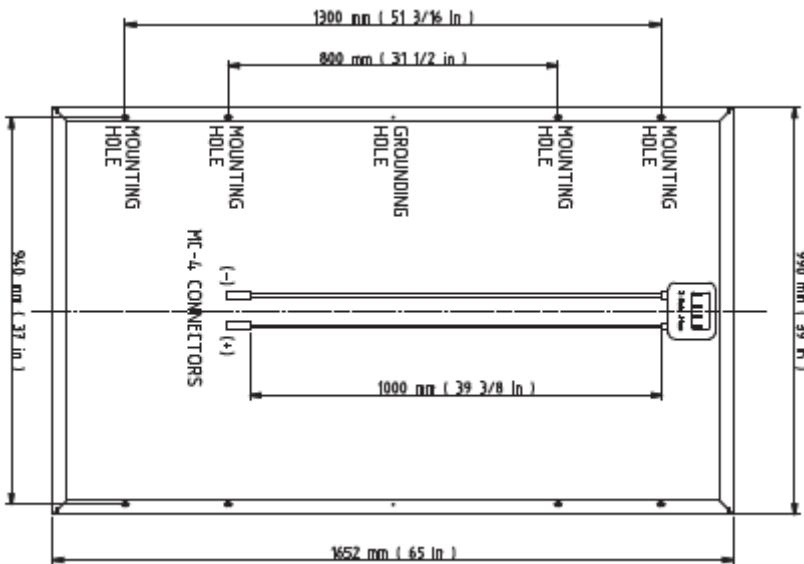
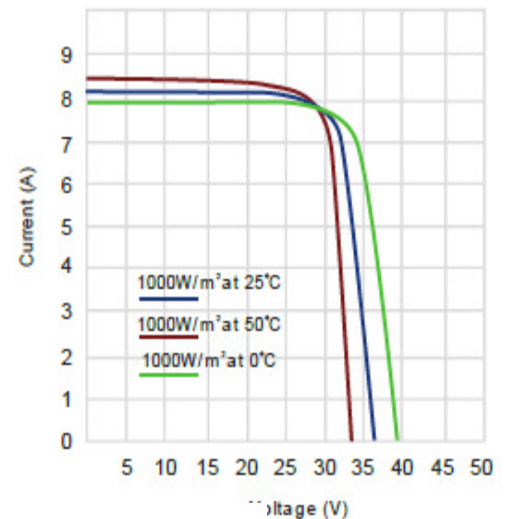
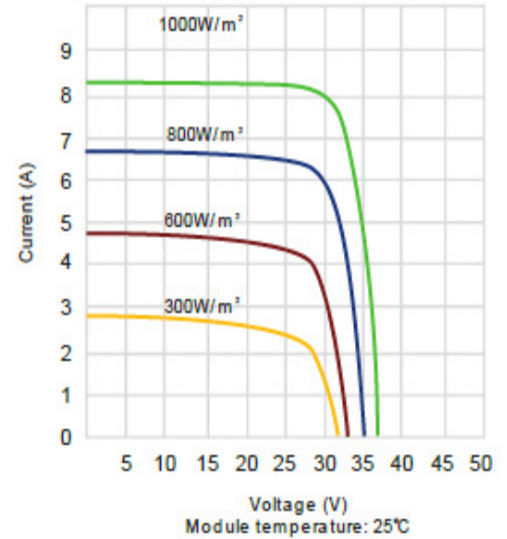
# 225W Photovoltaic Panel

## Temperature Coefficients

NOCT (°C)	50
Current Temperature Coefficient	+0.09
Voltage Temperature Coefficient	-0.37
Temperature Coefficient	-0.48
Temperature Range	-40 C to + 90C

## Module & Cell Performance

Cell Efficiency	15.6%
Module Efficiency	13.8%
Maximum System Voltage (V)	600(UL)
Power Tolerance	± 3%



Note:

1. STC: Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, AM=1.5
2. Deviation of Vm(V), Im (A), and Isc (A) of ±10%