

## Electrical Characteristics at Standard Test Conditions (STC):

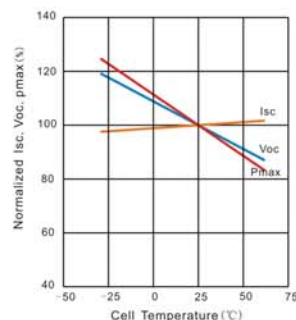
Maximum Power (Pmax):	120W
Power Tolerance:	0~+5W
Rated Voltage at Pmax (Vmp):	18.1V
Rated Current at Pmax (Imp):	6.63A
Open-circuit Voltage (Voc):	22.4V
Short-circuit Current (Isc):	7.25A
Module Efficiency ( $\eta_m$ ):	13.9%

• STC: Irradiance 1000W/m<sup>2</sup>; Cell temperature 25°C, Air mass AM1.5 according to EN60904-3.

## Temperature Dependence of Isc, Voc, Pmax:

### Thermal Characteristics:

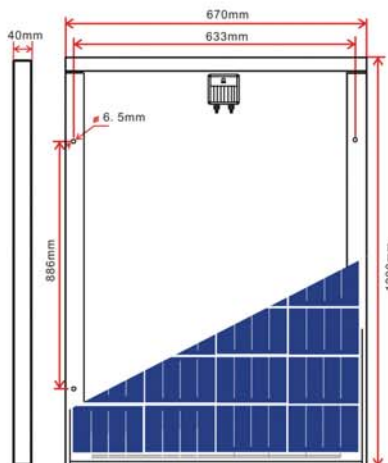
Nominal Operating Cell Temperature (NOCT):	46±2°C
Temperature Coefficient of Pmax ( $\gamma_{Pmp}$ ):	-0.42%/°C
Temperature Coefficient of Voc ( $\beta_{Voc}$ ):	-0.32%/°C
Temperature Coefficient of Isc ( $\alpha_{Isc}$ ):	+0.05%/°C



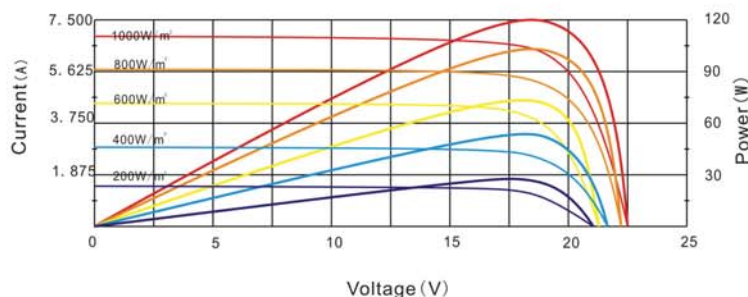
### Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell:	36 pcs poly-crystalline 156×130mm
Frame :	anodized aluminum alloy/silver
Module Dimension (L×W×H):	1290×670×40mm
Weight:	11.6kg

### Dimensions (tolerance ±2mm)



### I-V (120W)



### Rating Characteristics:

Maximum System Voltage:	600VDC
Application Class:	Class A
Maximum Over-Current Rating:	10A
Operating Temperature:	85% Rh, -40°C ~ +85°C
Maximum Snow Loads (front):	5400Pa
Maximum Wind Loads (front & back):	2400Pa
Maximum Hailstone Impact (diameter @ 23m/s):	25mm