

- a. GLASS
- b,d. EVA
- c. CELL
- e. BACKSHEET
- f. FRAME
- g. JUNCTION BOX

GLASS

- High Light transmission giving more electricity
- Excellent mechanical loading performance (5400pascal)
- ULISO Certified

EVA

- High Light transmission assuring better power performance
- High Gel and Peeling strength guarantying strong encapsulation
- Good ultraviolet aging resistance
- ULISO Certified

CELL

- Excellent efficiency and long term reliability
- Good performance under high temperature and low irradiance conditions
- 100%In-line Electroluminescence(EL)tested
- Positive tolerance for each panel
- UI ISO Certified

BACKSHEET

- 3M and TEDLAR based encapsulation and protection
- Good aging resistance guarantying strong durability performance
- Excellent adhesion and ultraviolet stability
- UL ISO Certified

FRAME

- Anodized/Electrophoretic aluminum means durable protection from environment
- Unique designed profile ensuring strong mechanical loading performance
- Silver/Black/Orange Color acaliable

JUNCTION BOX

- Reliable by-pass diodes assuring good product protection locking connector working compatible worldwide
- Excellent heat emission performance
- IP 65 or IP 67 protection
- UL ISO Certified

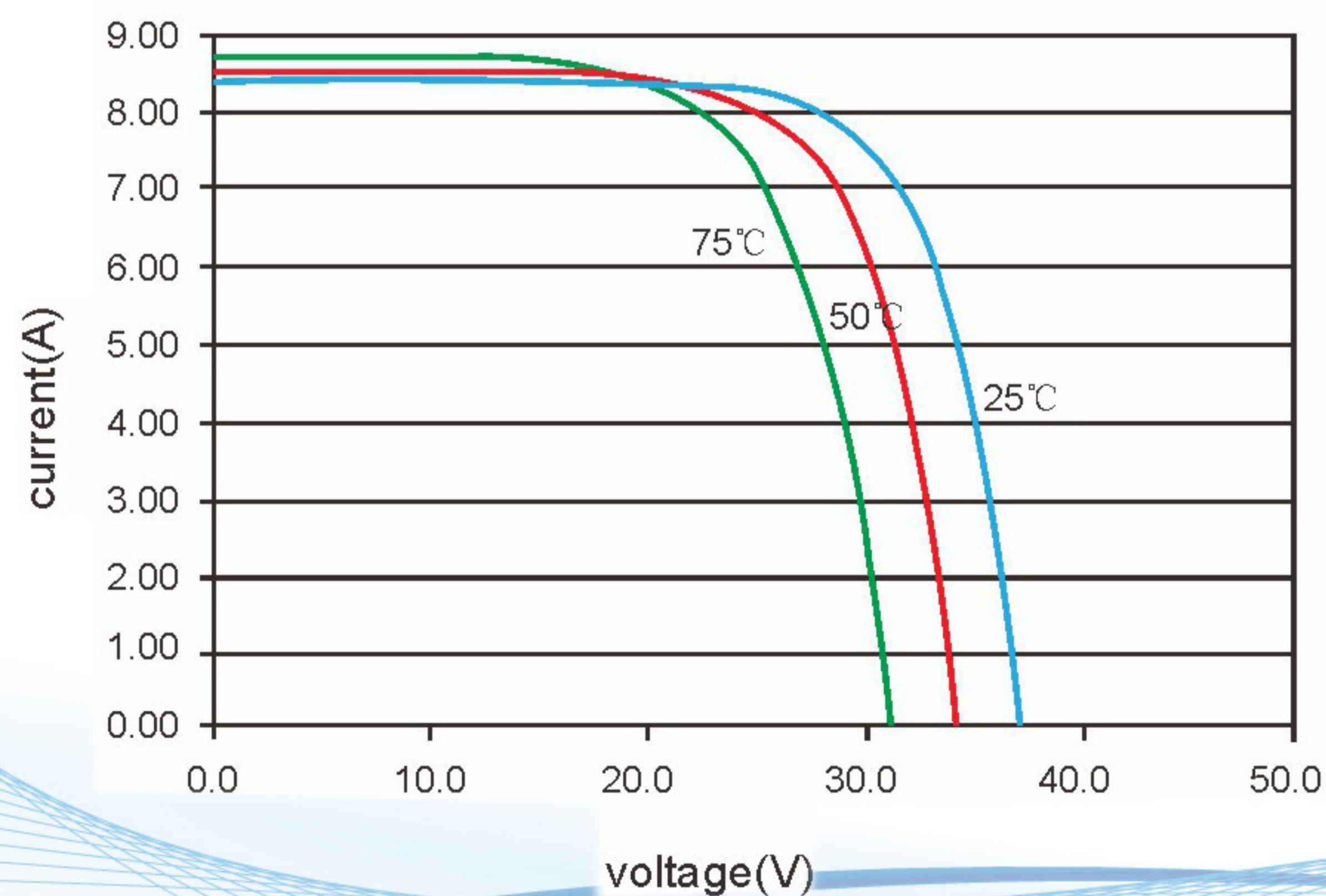
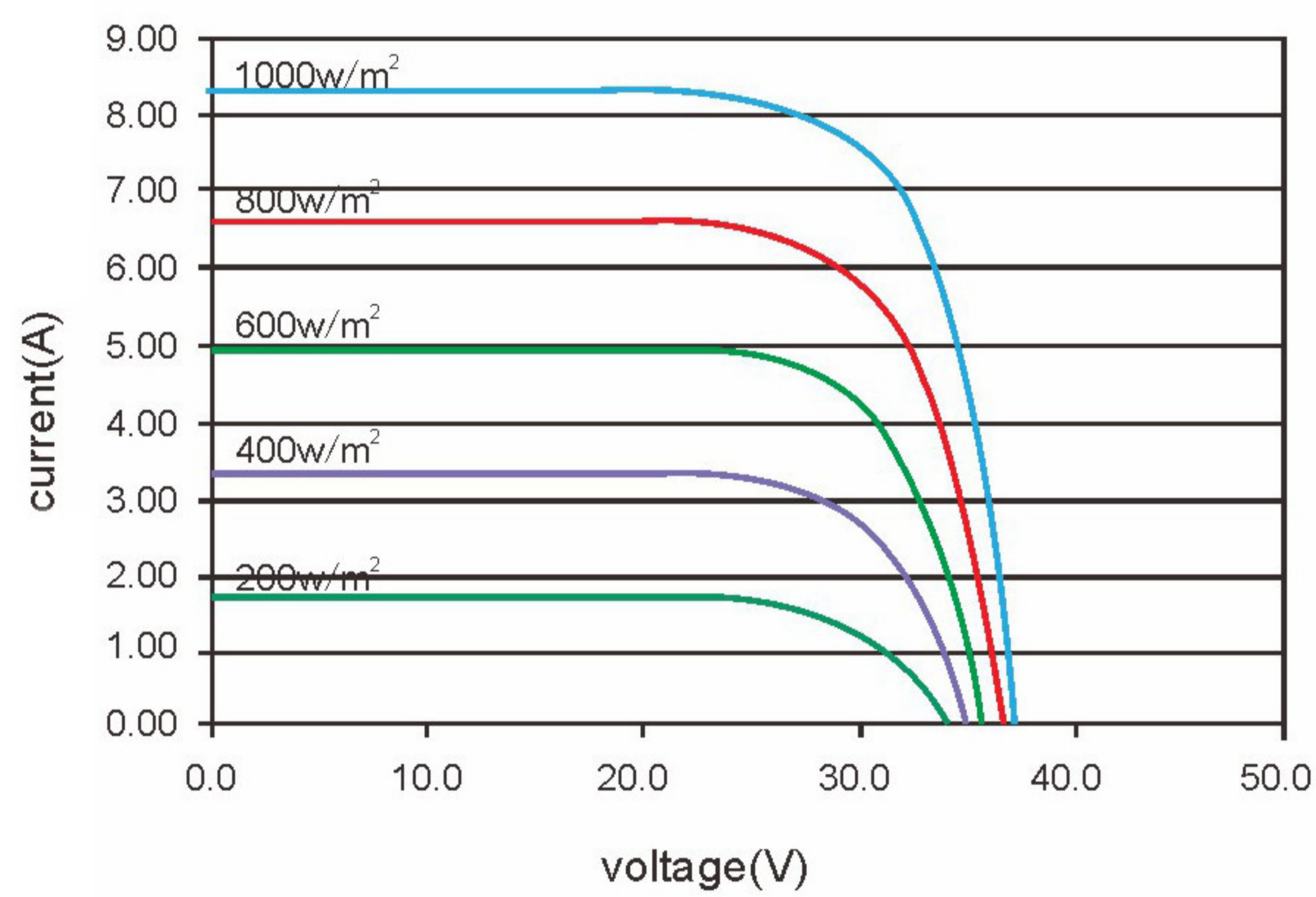
Electrical Characteristics

Module Type	Unit	JS-M255	JS-M250	JS-M245	JS-M230
Rated Power STC(Pmp)	W	255	250	245	230
Power Tolerance	W	±3.1%	(0, +5)	(0, +5)	(0, +5)
Power Maximum at STC	W	259	253	250	235
Cell Efficiency	%	18.3-18.7	18.3-18.7	18.3-18.7	18.3-18.7
Minimum Module Efficiency	%	15.6-15.7	15.2-15.5	14.9	14.7
Maximum Power Voltage	V	37.5	37.4	36	37.2
Maximum Power Current	A	9	8.85	8.7	8.3
Open Circuit Voltage	V	30.3	30	30.1	30
Short-circuit current(Isc)	A	8.7	8.77	8.77	8.77
Maximum system Voltage	V	600(UL)			

Temperature Characteristics

Operating Temperature	°C	(-45~+80)
Voc Temperature Coefficient	%/°C	-0.35
Isc Temperature Coefficient	%/°C	0.04

Current-Voltage & Power-Voltage Curve



Mechanical Specifications

External Dimensions	1640×992×40mm
Weight	19KG
Solar Cells	Polycrystalline 156×156mm (60Pcs)
Front Glass	3.2mm tempered glass, low iron
Frame	Anodized/Electrophoretic aluminum alloy
Junctions Box	IP65/67
Output Cables	4.0mm ² , symmetrical length 900mm
Connector	MC4 Compatible
Maximum Snow Load	550kg/m ²
Maximum Wind Load	200km/h
Hailstone Impact Test	80km/h for 25mm ice ball