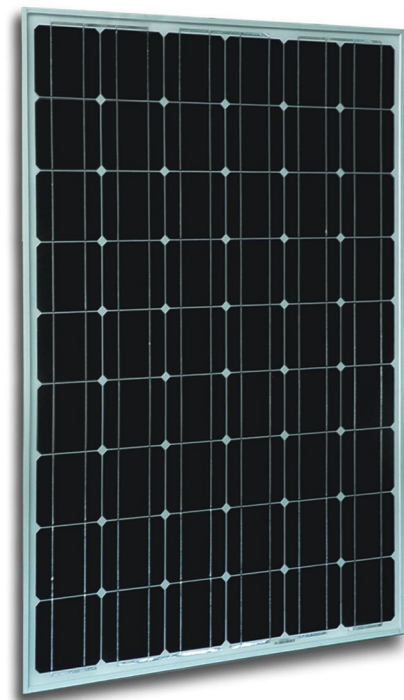


JT220 SDc

Mono-crystalline 156x 156 Module



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Key Features

- Guaranteed positive tolerance 0/+5w ensures power output reliability
- Strong aluminum frames module can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(mornings evenings and cloudy days).
- 12 years for product defects in materials and workmanship and 25 years for 80% of warranted minimum power.
- Certifications and standards: IEC61215, IEC61730, conformity to CE.
- Manufactured according to International Quality and Environment Management System (ISO9001,ISO14001).

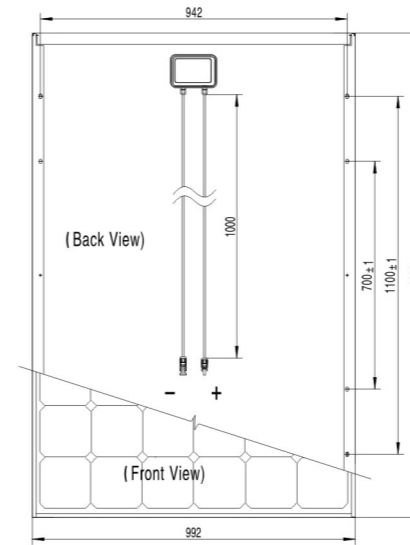


All specified Parameters are at STC 25°C Ambient, 1000W/m² irradiance and AM 1.5

Electrical Characteristics

Type		JT210SDc	JT215SDc	JT220SDc	JT225SDc
Module Power Range	(W)	215 > P _m ≥ 210	220 > P _m ≥ 215	225 > P _m ≥ 220	P _m ≥ 225
Max-Power	P _m (W)	210	215	220	225
Max-Power Voltage	V _m (V)	27.6	27.9	28.2	28.6
Max-Power Current	I _m (A)	7.6	7.7	7.8	7.85
Open-Circuit Voltage	V _{oc} (V)	33.0	33.3	33.7	33.9
Short-Circuit Current	I _{sc} (A)	8.48	8.6	8.7	8.85
Module Efficiency	(%)	14.3	14.6	15.0	15.3
Max-System Voltage	(VDC)	600V(UL)/1000V(IEC)			
Max.Series Fuse	(A)	15			
P _m Temperature Coefficients	(%/°C)	-0.4677			
I _{sc} Temperature Coefficients	(%/°C)	0.0492			
V _{oc} Temperature Coefficients	(%/°C)	-0.3374			
NOCT Nominal Operating Cell Temperature		45 ± 2°C			
Maximum load rating)		5400Pa(112.78lbf/ft ²)			

Class AAA solar simulator(IEC 60904-4) , power measurement uncertainty is within ± 3%



Packaging Configuration

Packing Configuration	24 pcs/box
Quantity/Pallet	48 pcs/pallet
Loading Capacity	720 pcs/40ft(H)

Absolute Ratings

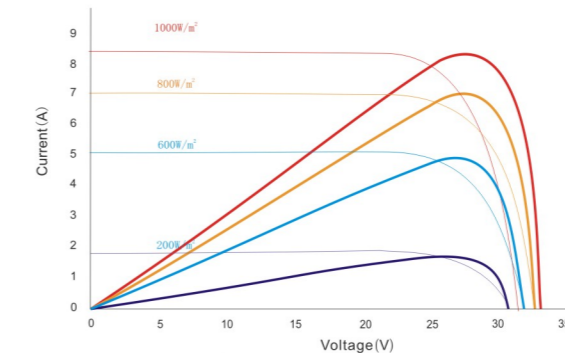
Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

NOCT

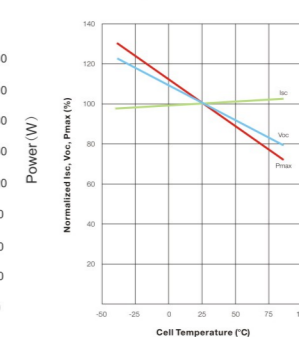
JT215SDc JT220SDc

Max-Power	P _m (W)	158	161
Max-Power Voltage	V _m (V)	25.5	25.6
Max-Power Current	I _m (A)	6.2	6.3
Open-Circuit Voltage	V _{oc} (V)	30.6	31
Short-Circuit Current	I _{sc} (A)	7	7

I-V Curves at different Irradiances



Temperature Coefficients



Mechanical Characteristics

Cable type, Diameter and Length	4mm ² ,TUV certified,1000mm
Type of Connector	Compatible with MC4 plug
Number, type and arrangement of cells	54pcs, Mono-Crystalline Silicon(6 × 9)
Cell Size	(mm) 156 × 156 (D200)
Dimension	(mm) 1482 × 992 × 40
Weight	(Kg) 17
No. of Draining Holes in Frame	10
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2mm

NOCT: Irradiance 800W/m², ambient temperature 20 °C, AM=1.5, wind speed 1m/s

Specifications included in this datasheet are subject to change without prior notice