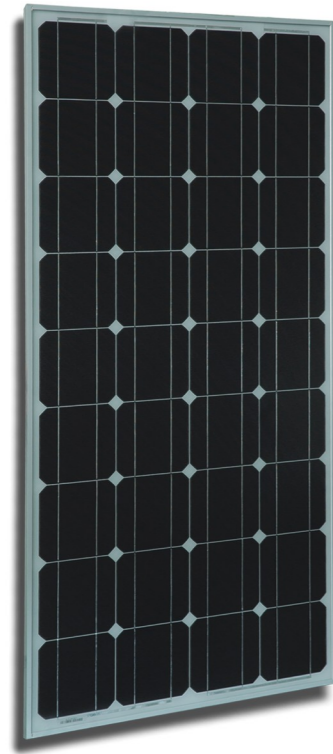


JT145 SFc

Mono-crystalline 156 x 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).

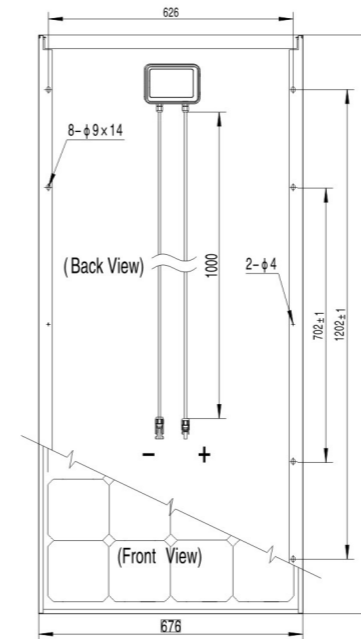


All specified Parameters are at STC 25°C Ambient, 1000W/m² irradiance and AM 1.5

Electrical Characteristics

Type		JT135SFc	JT140SFc	JT145SFc	JT150SFc
Module Power Range	(W)	140 > P _m ≥ 135	145 > P _m ≥ 140	150 > P _m ≥ 145	P _m ≥ 150
Max-Power	P _m (W)	135	140	145	150
Max-Power Voltage	V _m (V)	18	18.42	18.71	19.11
Max-Power Current	I _m (A)	7.5	7.6	7.75	7.85
Open-Circuit Voltage	V _{oc} (V)	21.4	21.8	22.3	22.6
Short-Circuit Current	I _{sc} (A)	8.4	8.55	8.67	8.85
Module Efficiency	(%)	13.5	14	14.5	15
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 or 2 pcs/box
Quantity/Pallet	56 pcs/pallet
Loading Capacity	840 pcs/40ft

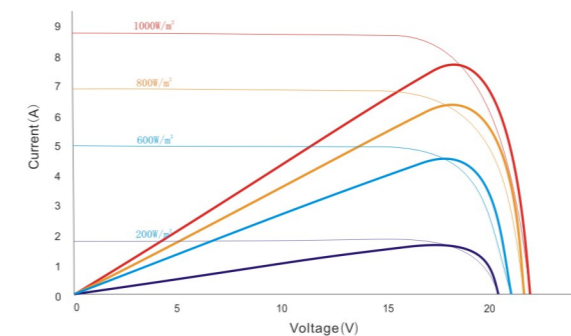
Absolute Ratings

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

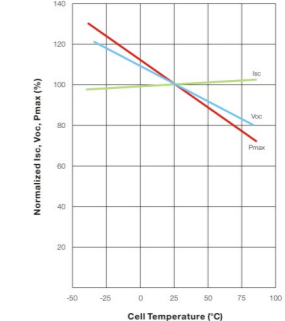
NOCT

		JT140SFc	JT145SFc
Max-Power	P _m (W)	106	106
Max-Power Voltage	V _m (V)	17.1	17.2
Max-Power Current	I _m (A)	6.2	6.2
Open-Circuit Voltage	V _{oc} (V)	20	20.5
Short-Circuit Current	I _{sc} (A)	6.9	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	36pcs, Mono-Crystalline Silicon(4 × 9)
Cell Size	(mm) 156 × 156 (D200)
Dimension	(mm) 1482 × 676 × 40
Weight	(Kg) 12
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