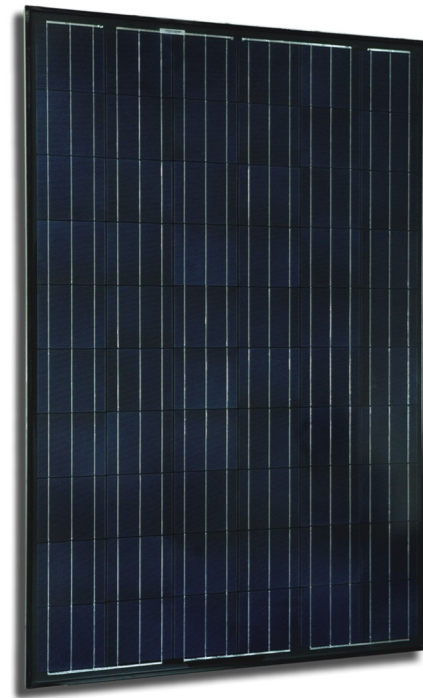


JT235 PCe (Black)

Multi-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).

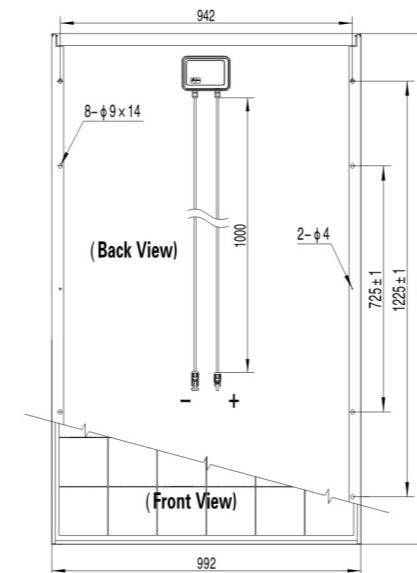


All specified Parameters are at STC 25°C Ambient, 1000W/ m² irradiance and AM 1.5

Electrical Characteristics

Type		JT220PCe(Black)	JT225PCe(Black)	JT230PCe(Black)	JT235PCe(Black)
Module Power Range	(W)	225 > P _m ≥ 220	230 > P _m ≥ 225	235 > P _m ≥ 230	P _m ≥ 235
Max-Power	P _m (W)	220	225	230	235
Max-Power Voltage	V _m (V)	30.0	30.0	30.2	30.5
Max-Power Current	I _m (A)	7.34	7.5	7.62	7.71
Open-Circuit Voltage	V _{oc} (V)	36.6	36.6	36.9	37
Short-Circuit Current	I _{sc} (A)	8.1	8.2	8.31	8.4
Module Efficiency	(%)	13.4	13.7	14.0	14.3
Max-System Voltage	(VDC)	600V(UL)/1000V(IEC)			
Max.Series Fuse	(A)	15			
P _m Temperature Coefficients	(%/°C)	-0.4336			
I _{sc} Temperature Coefficients	(%/°C)	0.0825			
V _{oc} Temperature Coefficients	(%/°C)	-0.4049			
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	624 pcs/40ft(H)

Absolute Ratings

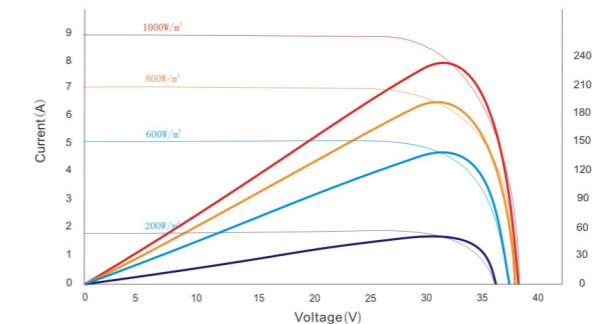
Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

NOCT

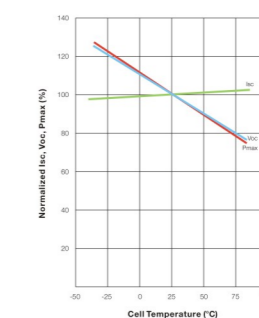
JT230 PCe (Black) JT235 PCe (Black)

Max-Power	P _m (W)	169	172
Max-Power Voltage	V _m (V)	27.6	27.7
Max-Power Current	I _m (A)	6.1	6.2
Open-Circuit Voltage	V _{oc} (V)	33.8	33.9
Short-Circuit Current	I _{sc} (A)	6.7	6.8

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	60pcs, Multi-Crystalline Silicon(6 × 10)
Cell Size	(mm) 156 × 156
Dimension	(mm) 1655 × 992 × 40
Weight	(Kg) 22.5
No. of Draining Holes in Frame	10
Color of frame	Black
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