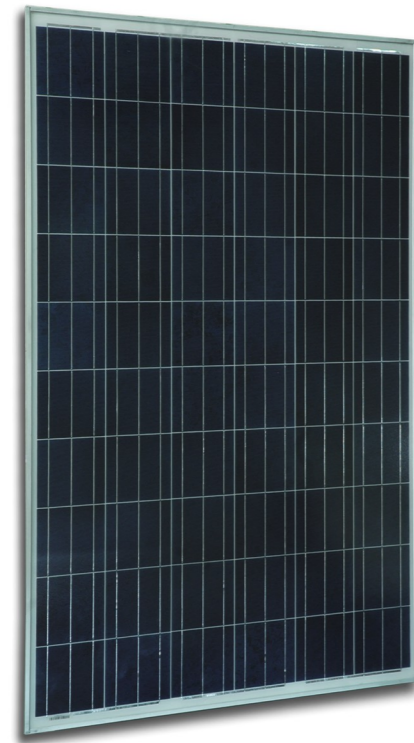


JT240 PCe

Multi-crystalline 156 x 156 Module



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Key Features

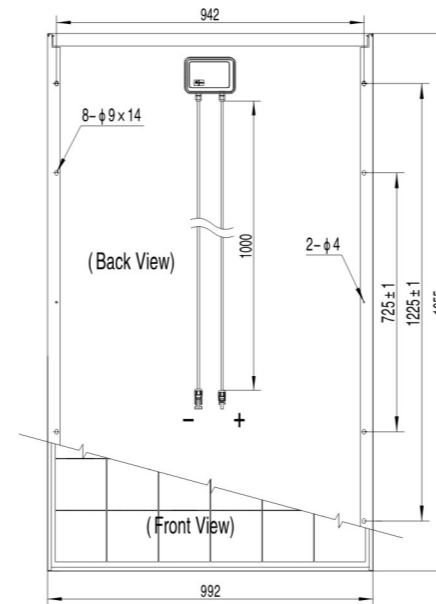
- Guaranteed positive tolerance 0/+5w ensures power output reliability
- Strong aluminum frames module can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(mornings evenings and cloudy days).
- 12 years for product defects in materials and 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		JT225PCe	JT230PCe	JT235PCe	JT240PCe	JT245PCe
Module Power Range	(W)	230 > Pm ≥ 225	235 > Pm ≥ 230	240 > Pm ≥ 235	245 > Pm ≥ 240	Pm ≥ 245
Max-Power	Pm (W)	225	230	235	240	245
Max-Power Voltage	Vm(V)	30	30.2	30.5	30.8	31.1
Max-Power Current	Im(A)	7.5	7.62	7.71	7.8	7.89
Open-Circuit Voltage	Voc(V)	36.6	36.9	37	37.2	37.4
Short-Circuit Current	Isc(A)	8.2	8.31	8.4	8.55	8.65
Module Efficiency	(%)	13.7	14.0	14.3	14.6	14.9
Max-System Voltage	(VDC)	600V(UL)/1000V(IEC)				
Max.Series Fuse	(A)	15				
Pm Temperature Coefficients	(%/°C)	-0.4336				
Isc Temperature Coefficients	(%/°C)	0.0825				
Voc 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

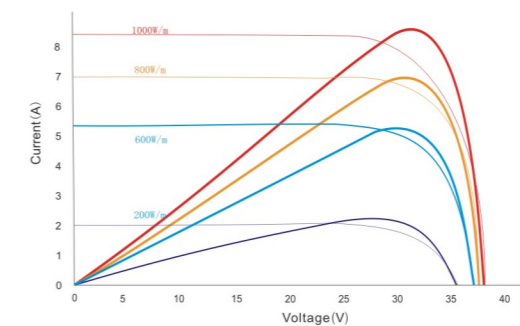
Packing Configuration	24 pcs/box
Quantity/Pallet	48 pcs/pallet
Loading Capacity	624 pcs/40ft(H)

Absolute Ratings

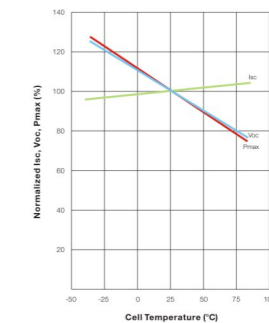
Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

NOCT		JT230PCe	JT235PCe	JT240PCe
Max-Power	Pm (W)	169	172	176
Max-Power Voltage	Vm(V)	27.6	27.7	28
Max-Power Current	Im(A)	6.1	6.2	6.3
Open-Circuit Voltage	Voc(V)	33.8	33.9	34.1
Short-Circuit Current	Isc(A)	6.7	6.8	6.9

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 x 10)
Cell Size (mm)	156 x 156
Dimension (mm)	1655 x 992 x 40
Weight (Kg)	22.5
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