

# JT240 SCc ( Black )

## 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).

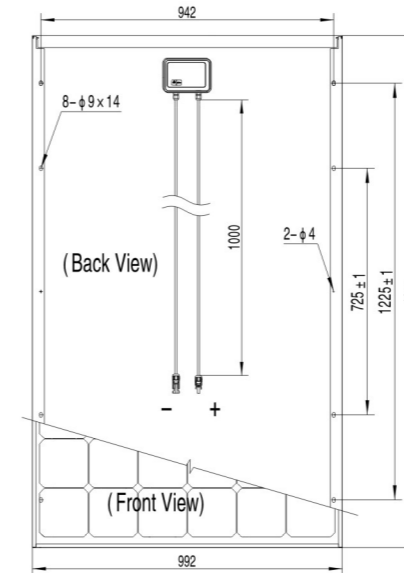


All specified Parameters are at STC 25°C Ambient, 1000W/m<sup>2</sup> irradiance and AM 1.5

### Electrical Characteristics

Type		JT230SCc(Black)	JT235SCc(Black)	JT240SCc(Black)	JT245SCc(Black)
Module Power Range	(W)	235 > Pm ≥ 230	240 > Pm ≥ 235	245 > Pm ≥ 240	Pm ≥ 245
Max-Power	Pm (W)	230	235	240	245
Max-Power Voltage	Vm(V)	30.3	30.8	31.1	31.4
Max-Power Current	Im(A)	7.6	7.64	7.73	7.81
Open-Circuit Voltage	Voc(V)	36.1	36.6	37	37.3
Short-Circuit Current	Isc(A)	8.5	8.55	8.65	8.75
Module Efficiency	(%)	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)	-0.4677			
Isc Temperature Coefficients	(%/°C)	0.0492			
Voc Temperature Coefficients	(%/°C)	-0.3374			
NOCT Nominal Operating Cell Temperature		45 ± 2°C			
Maximum load rating)		5400Pa(112.78lbf/ft <sup>2</sup> )			

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

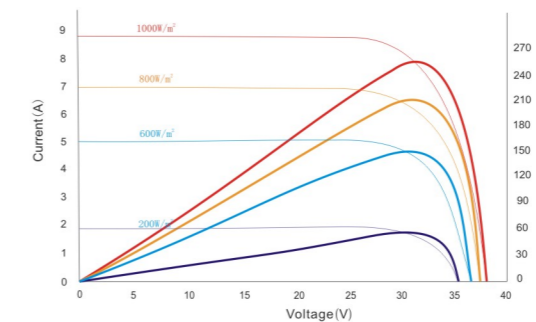
Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

### NOCT

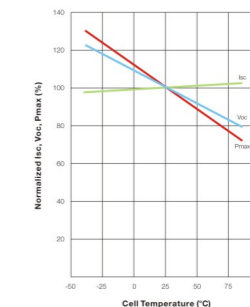
### JT235 SCc ( Black ) JT240 SCc ( Black )

Max-Power	Pm (W)	172	176
Max-Power Voltage	Vm(V)	28.2	28.4
Max-Power Current	Im(A)	6.1	6.2
Open-Circuit Voltage	Voc(V)	33.7	34
Short-Circuit Current	Isc(A)	6.9	7

### I-V Curves at different Irradiances



### Temperature Coefficients



### Mechanical Characteristics

Cable type, Diameter and Length	4mm <sup>2</sup> , TUV certified, 1000mm
Type of Connector	Compatible with MC4 plug
Number, type and arrangement of cells	60pcs, Mono-Crystalline Silicon(6 × 10)
Cell Size	(mm) 156 × 156 (D200)
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/m<sup>2</sup>, ambient temperature 20 °C, AM=1.5, wind speed 1m/s

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