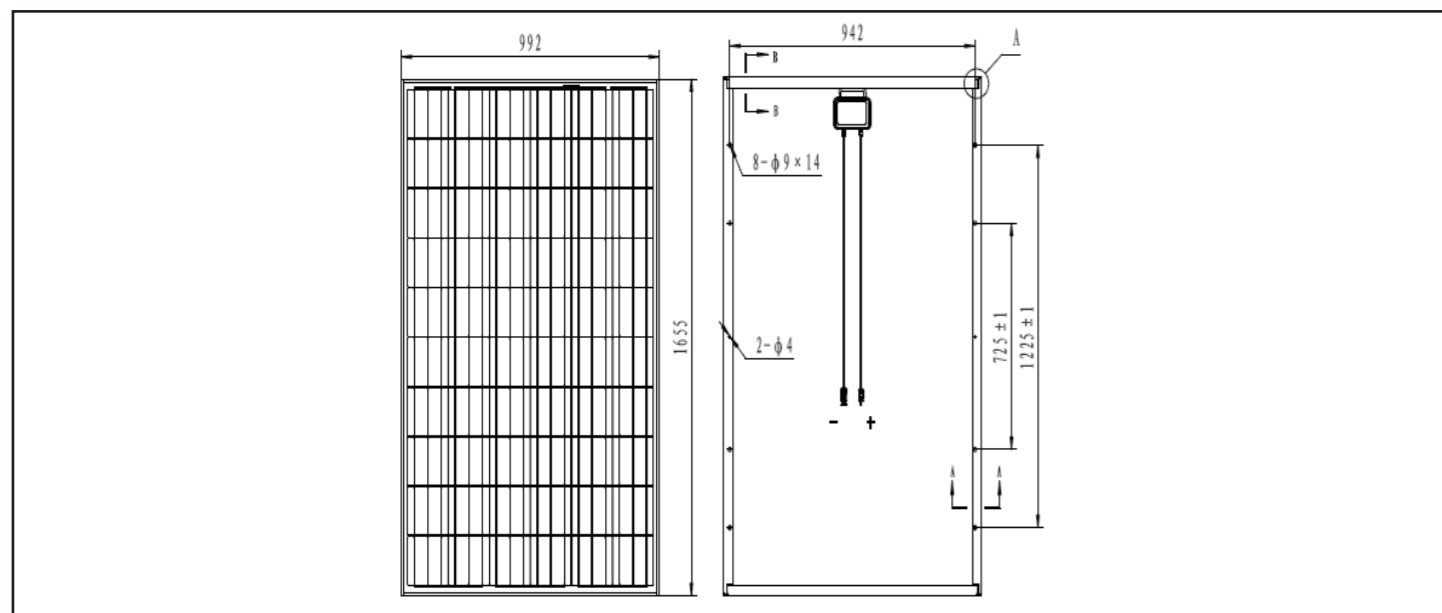


MonoCrystalline Solar Module – DX245SCc (Black)



Electrical Characteristics

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

Type		DX230SCc (Black)	DX235SCc (Black)	DX240SCc (Black)	DX245SCc (Black)
Max-Power	P _m (W)	230	235	240	245
Module Power Range	(W)	235 > P _m ≥ 230	240 > P _m ≥ 235	245 > P _m ≥ 240	P _m ≥ 245
Power Tolerance	(W)	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage	V _m (V)	30.3	30.8	31.1	31.4
Max-Power Current	I _m (A)	7.6	7.64	7.73	7.81
Short-Circuit Current	I _{sc} (A)	8.5	8.55	8.65	8.75
Open-Circuit Voltage	V _{oc} (V)	36.1	36.6	37	37.3
Max-System Voltage	(VDC)	600V(UL)/1000V(IEC)			
Cell Efficiency	(%)	16.4	16.7	17.1	17.4
Module Efficiency	(%)	14.0	14.3	14.6	14.9
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/ft²)

MonoCrystalline Solar Module – DX245SCc (Black)

Mechanical Characteristics

Cable type,Diameter and Length	4mm ² ,TUV certified,1000mm
Type of Connector	Compatible Type IV
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

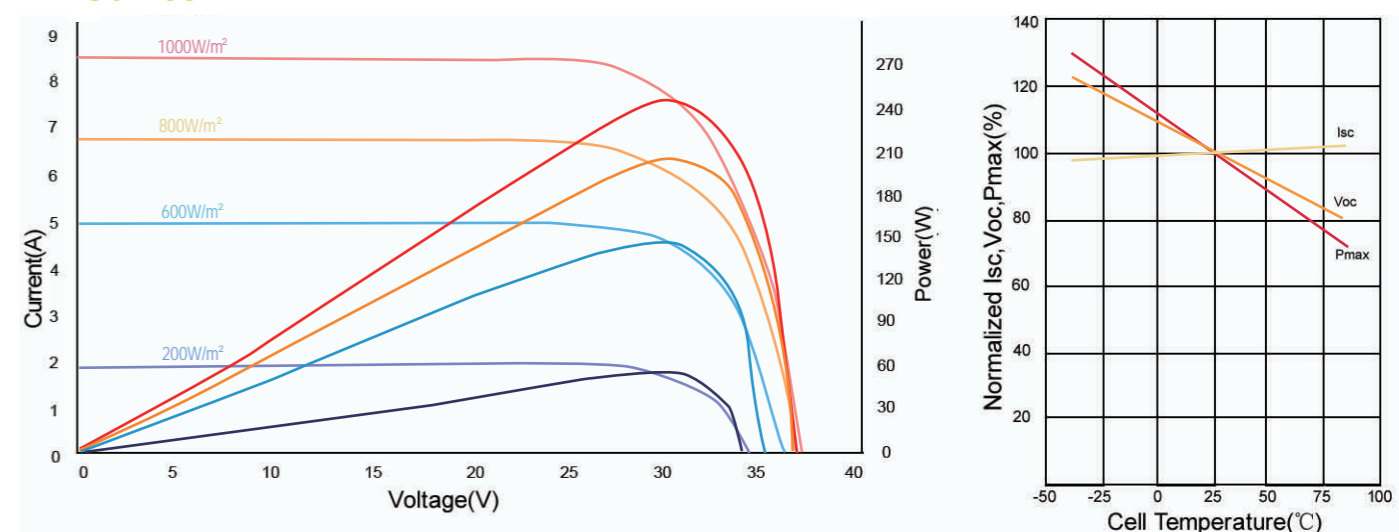
Packaging Configuration

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

I-V Curves



I-V Curves at different Irradiances (AM1.5 25°C)

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