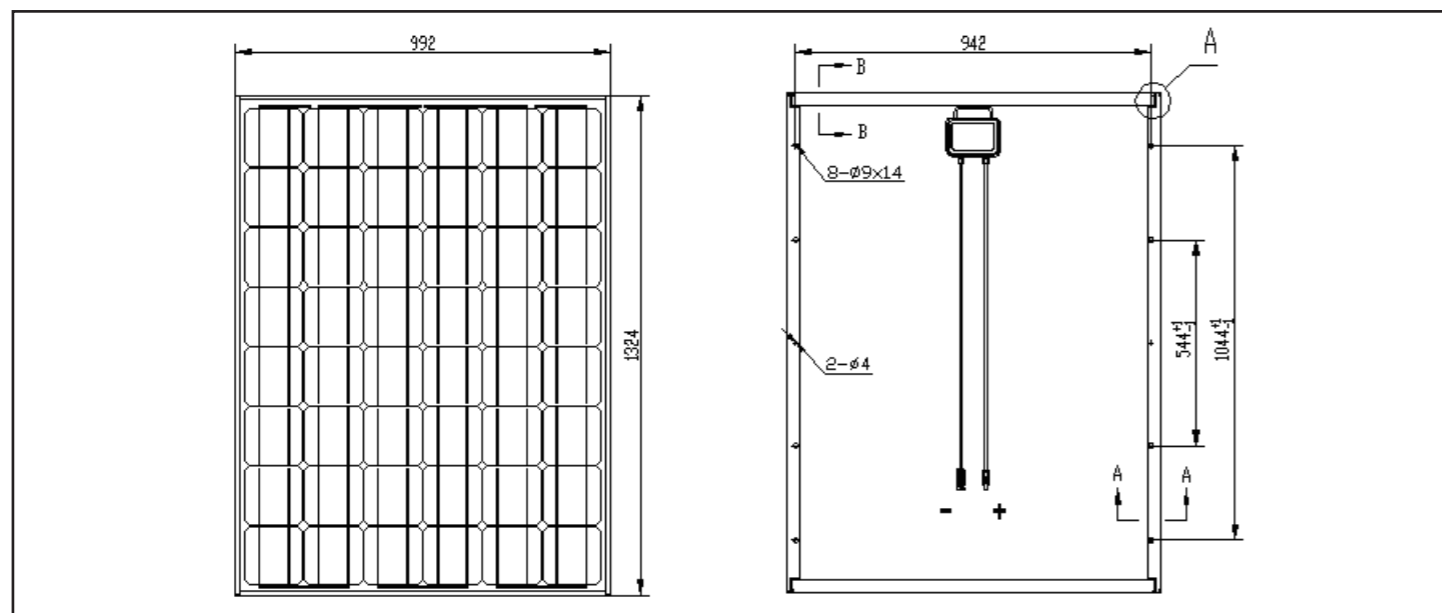


Monocrystalline Solar Module – DX200SEc



Electrical Characteristics

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

Type	DX180SEc	DX185SEc	DX190SEc	DX195SEc	DX200SEc
Max-Power P _m (W)	180	185	190	195	200
Module Power Range (W)	185 > P _m ≥ 180	190 > P _m ≥ 185	195 > P _m ≥ 190	200 > P _m ≥ 195	P _m ≥ 200
Power Tolerance (W)	+0~+5	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage V _m (V)	24.0	24.3	24.7	25.06	25.5
Max-Power Current I _m (A)	7.5	7.6	7.7	7.78	7.85
Short-Circuit Current I _{sc} (A)	8.4	8.5	8.6	8.7	8.85
Open-Circuit Voltage V _{oc} (V)	28.6	29.0	29.4	29.8	30.1
Max-System Voltage (VDC)	600V(UL)/1000V(IEC)				
Cell Efficiency (%)	15.7	16.1	16.6	17.0	17.4
Module Efficiency (%)	13.7	14.1	14.5	14.8	15.2
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 – DX200SEc

Mechanical Characteristics

Cable type,Diameter and Length	4mm ² ,TUV certified,1000mm
Type of Connector	Compatible Type IV
Number,type and arrangement of cells	48pcs,Mono-Crystalline Silicon(6×8)
Cell Size (mm)	156×156(D200)
Dimension (mm)	1324×992×40
Weight (Kg)	15
No.of Draining Holes in Frame	10
Glass,Type and Thickness	High Transmission,Low Iron,Tempered Glass 3.2mm

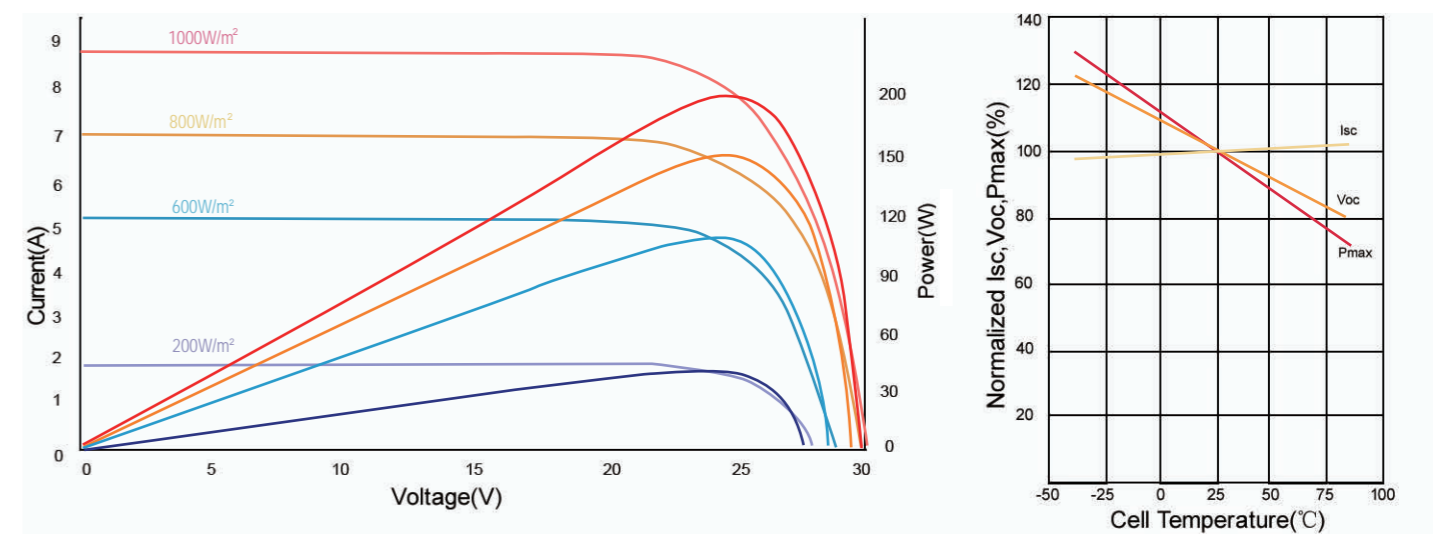
Packaging Configuration

Packing Configuration	24 pcs/box
Quantity/Pallet	48 pcs/pallet
Loading Capacity	768 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