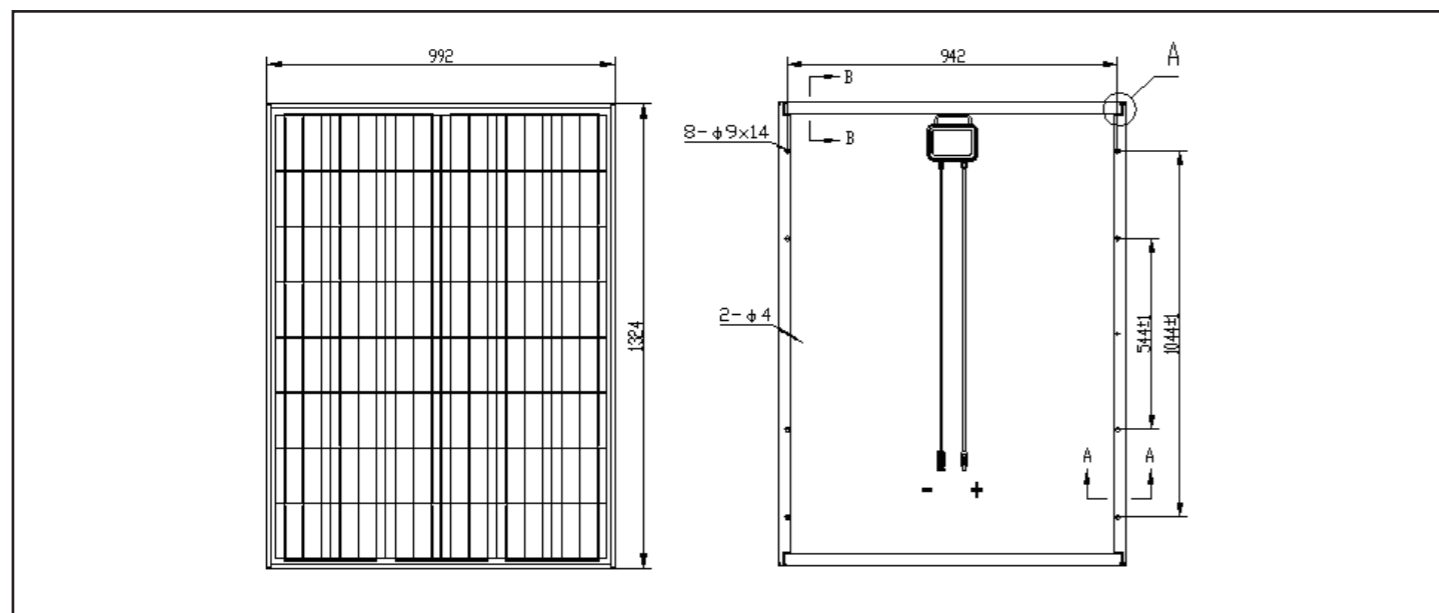


Polycrystalline Solar Module – DX190PEe



Electrical Characteristics

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

Type		DX175PEe	DX180PEe	DX185PEe	DX190PEe
Max-Power	P _m (W)	175	180	185	190
Module Power Range	(W)	180>P _m ≥175	185>P _m ≥180	190>P _m ≥185	P _m ≥190
Power Tolerance	(W)	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage	V _m (V)	24.0	24.4	24.67	25
Max-Power Current	I _m (A)	7.3	7.4	7.5	7.6
Short-Circuit Current	I _{sc} (A)	8.1	8.16	8.3	8.4
Open-Circuit Voltage	V _{oc} (V)	29.1	29.2	29.72	30
Max-System Voltage	(VDC)	600V(UL)/1000V(IEC)			
Cell Efficiency	(%)	15.0	15.4	15.8	16.3
Module Efficiency	(%)	13.3	13.7	14.1	14.5
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/ft²)

Polycrystalline Solar Module – DX190PEe

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,Poly-Crystalline Silicon(6×8)
Cell Size (mm)	156×156
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

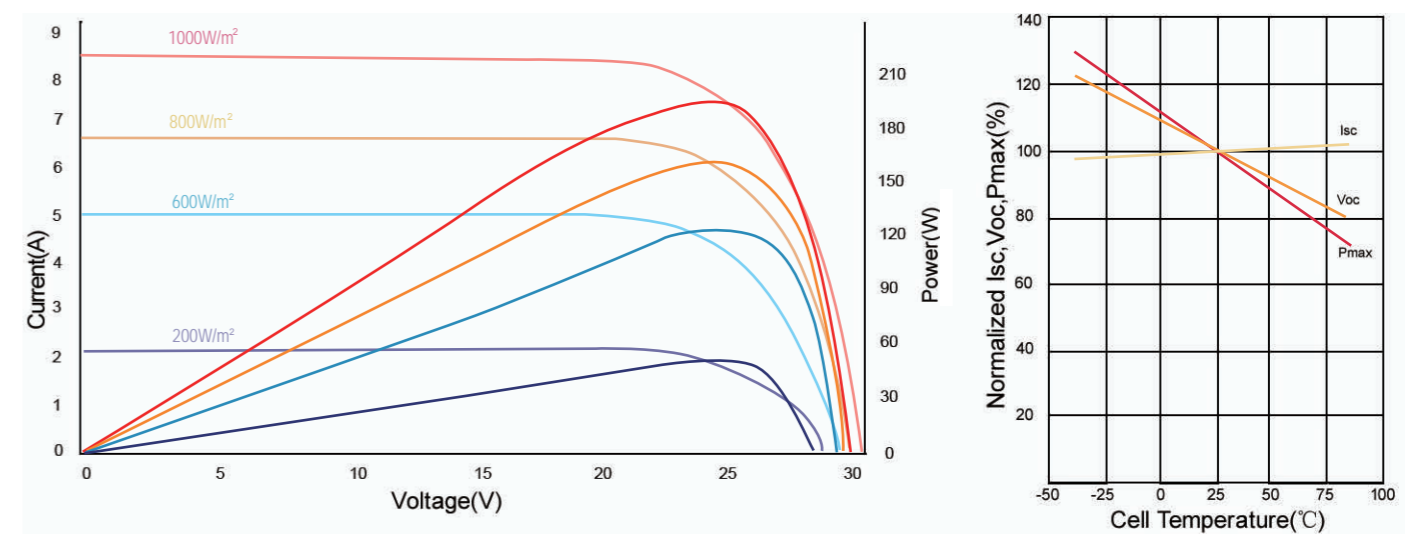
Packaging Configuration

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