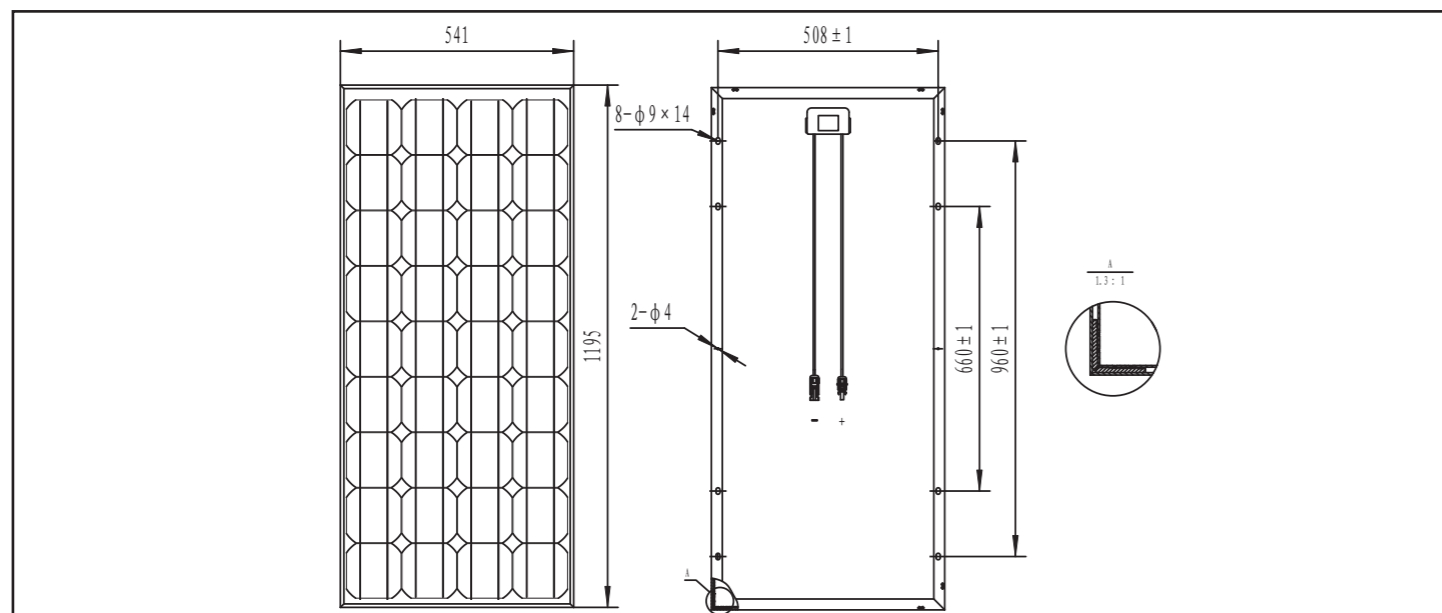


Monocrystalline Solar Module – DX095SFa



Electrical Characteristics

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

Type	DX085SFa DX085SFb	DX090SFa DX090SFb	DX095SFa DX095SFb
Max-Power P _m (W)	85	90	95
Module Power Range (W)	90 > P _m ≥ 85	95 > P _m ≥ 90	P _m ≥ 95
Power Tolerance (W)	+0~+5	+0~+5	+0~+5
Max-Power Voltage V _m (V)	18.5	18.5	18.8
Max-Power Current I _m (A)	4.59	4.86	5.06
Short-Circuit Current I _{sc} (A)	5.14	5.3	5.32
Open-Circuit Voltage V _{oc} (V)	22.2	22.4	22.5
Max-System Voltage (VDC)	600V(UL)/1000V(IEC)		
Cell Efficiency (%)	15.9/15.2	16.8/16.1	17.8/17.0
Module Efficiency (%)	13.1	13.9	14.7
Max.Series Fuse (A)	10		
P _m Temperature Coefficients (%/°C)	-0.4601		
I _{sc} Temperature Coefficients (%/°C)	0.0981		
V _{oc} Temperature Coefficients (%/°C)	-0.5186		
NOCT Nominal Operating Cell Temperature	45±2°C		

Maximum load rating:2400Pa

Monocrystalline Solar Module – DX095SFb

Mechanical Characteristics

Cable type,Diameter and Length	4mm ² ,TUV certified,1000mm	
Type of Connector	Compatible Type IV	
Number,type and arrangement of cells	36pcs,Mono-Crystalline Silicon(4×9)	
Cell Size (mm)	DX090SFa	125×125(D150)
	DX090SFb	125×125(D165)
Dimension (mm)	1195×541×40	
Weight (Kg)	8	
No.of Draining Holes in Frame	10	
Glass,Type and Thickness	High Transmission,Low Iron,Tempered Glass 3.2mm	

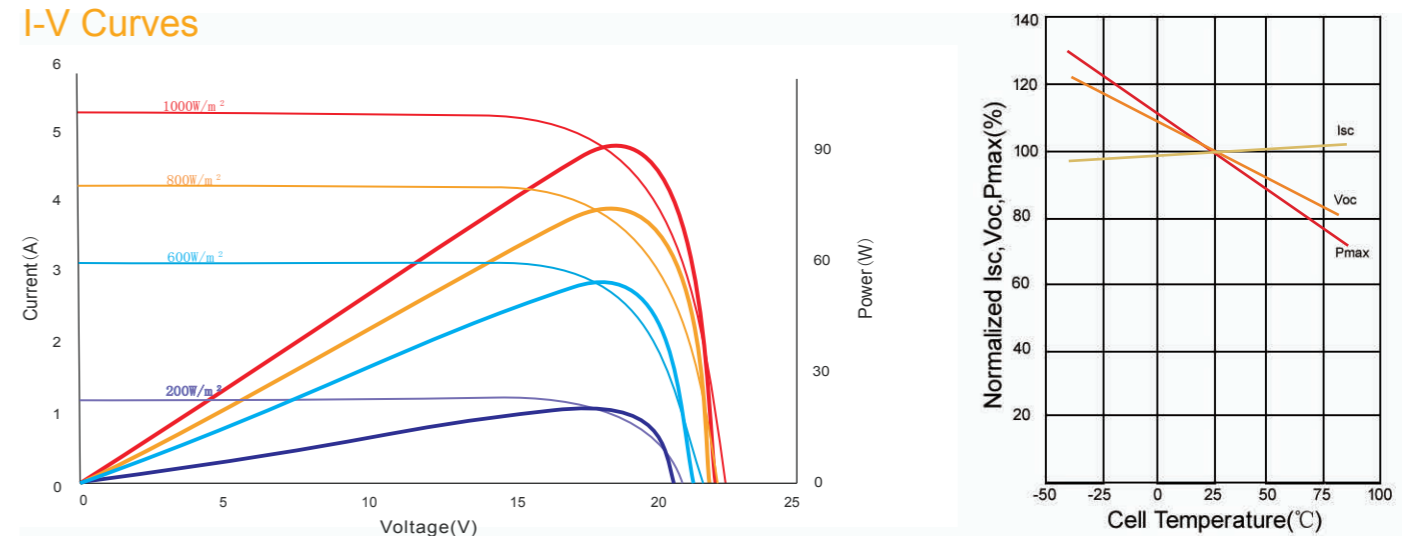
Packaging Configuration

Packing Configuration	24 pcs/box or 2 pcs/box
Quantity/Pallet	60 pcs/pallet
Loading Capacity	1080 pcs/40ft

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