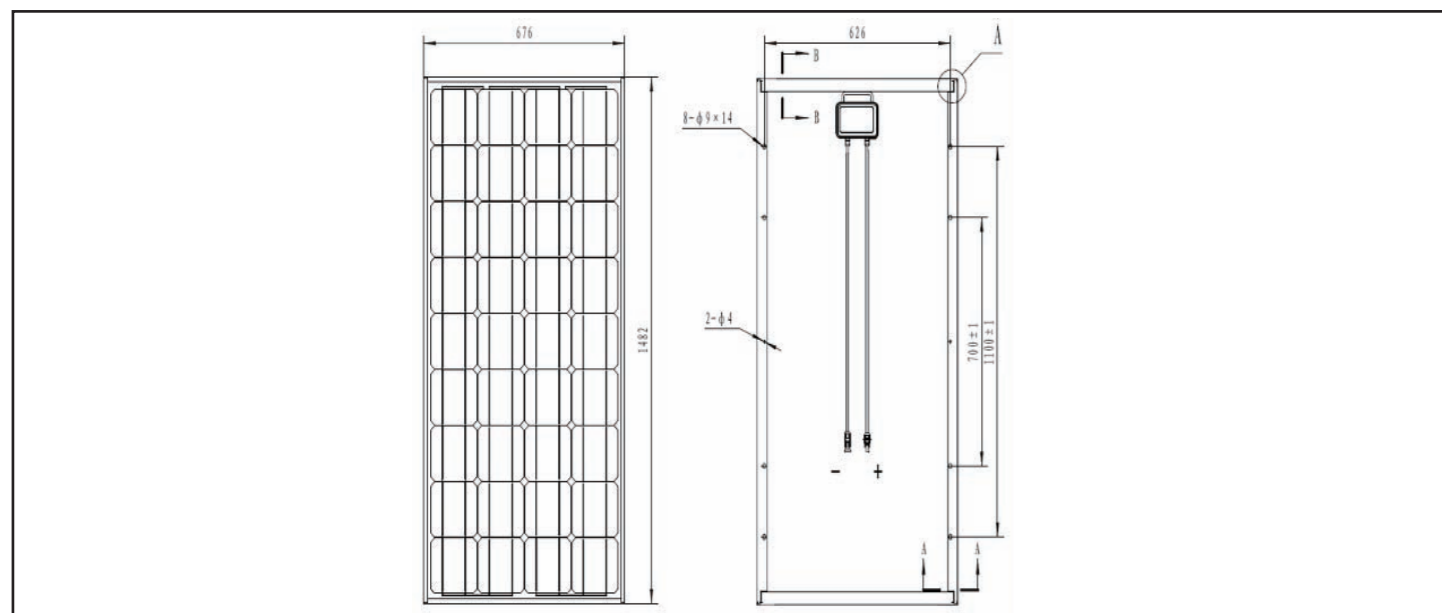


Monocrystalline Solar Module – DX150SFc



Electrical Characteristics

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

Type	DX135SFc	DX140SFc	DX145SFc	DX150SFc
Max-Power P _m (W)	135	140	145	150
Module Power Range (W)	140 > P _m ≥ 135	145 > P _m ≥ 140	150 > P _m ≥ 145	P _m ≥ 150
Power Tolerance (W)	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage V _m (V)	18	18.42	18.71	19.11
Max-Power Current I _m (A)	7.5	7.6	7.75	7.85
Short-Circuit Current I _{sc} (A)	8.4	8.55	8.67	8.85
Open-Circuit Voltage V _{oc} (V)	21.4	21.8	22.3	22.6
Max-System Voltage (VDC)	600V(UL)/1000V(IEC)			
Cell Efficiency (%)	15.7	16.3	16.9	17.4
Module Efficiency (%)	13.5	14	14.5	15.0
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/ft)

Monocrystalline Solar Module – DX150SFc

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)	156×156(D200)
Dimension (mm)	1482×676×40
Weight (Kg)	12
No.of Draining Holes in Frame	10
Glass,Type and Thickness	High Transmission,Low Iron,Tempered Glass 3.2mm

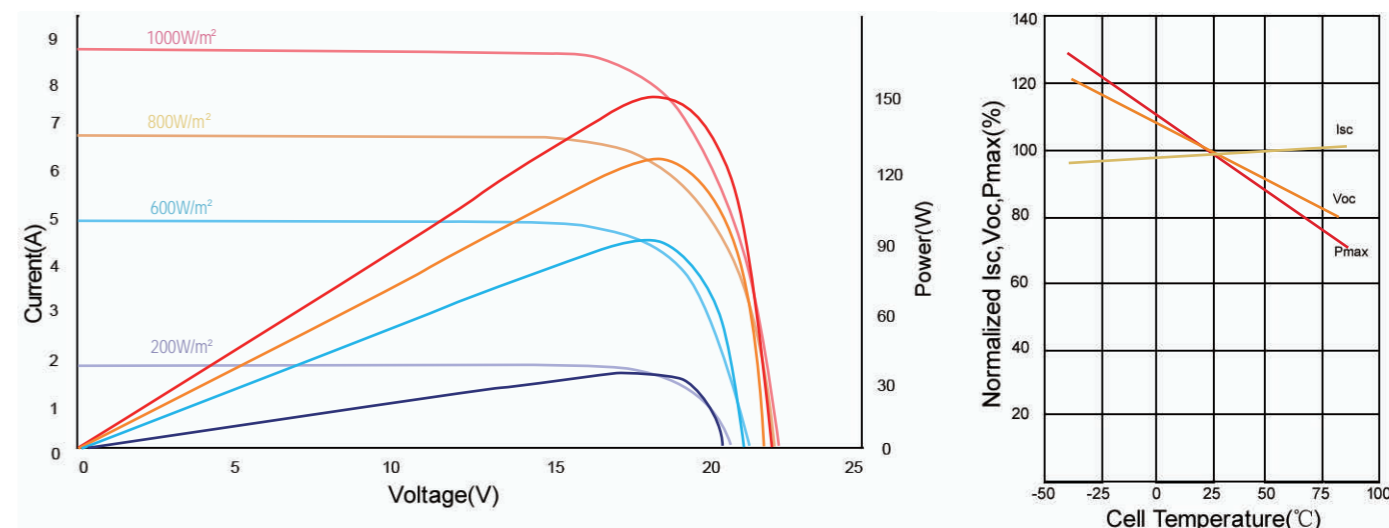
Packaging Configuration

Packing Configuration	24 pcs/box or 2 pcs/box
Quantity/Pallet	56 pcs/pallet
Loading Capacity	840 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