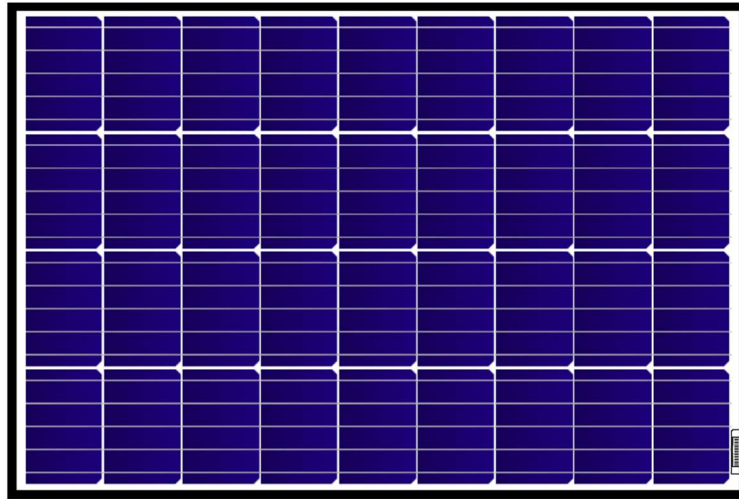


Thin Frame Panel Series



Electrical Performance (STC: AM 1.5, 1000W/m², 25°C)

Module Type	ST120M6-36-TFP	ST110M6-36-TFP	ST100M6-36-TFP
Maximum Power (P _{max} / W)	120	110	100
Power Tolerance	0~+ 3 %	0~+ 3 %	0~+ 3 %
Maximum Power Voltage (V _m / V)	17.8	17.7	17.6
Maximum Power Current (I _m / A)	6.74	6.22	5.69
Open Circuit Voltage (V _{oc} / V)	21.4	21.2	21.1
Short Circuit Current (I _{sc} / A)	7.39	6.81	6.28
Module Efficiency (%)	17.91	16.42	14.93

Temperature Properties

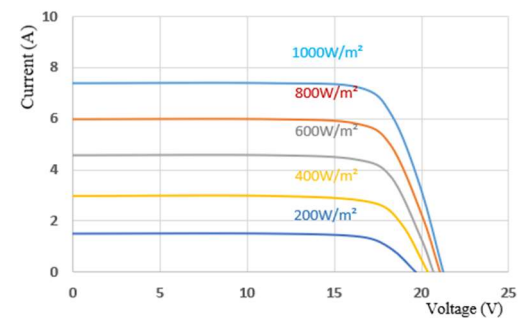
Maximum System Voltage (VDC)	600
Maximum Series Fuse Rating (A)	10
Normal Operating Cell Temperature	-45~+85°C

Mechanical Properties

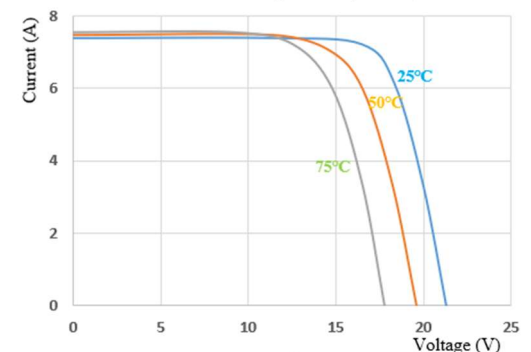
Dimensions (L×W×H / mm)	1000×670×9/20
Weight (Kg)	5
Solar Cells	Monocrystalline / Polycrystalline
No. of Cells(pcs)	36(4×9)
Sizes of Cells	156*104
Junction box	MC 4 connector, IP 67
Sizes of Junction box cable (mm ²)	4mm ² / 900mm Length
Container 20GP(pcs)	825
Container 40HC(pcs)	1650



I-V Curves at different irradiances, Temp.cell 25°C



I-V Curves at different cell temperatures, AM1.5, 1000W/m²



ST120M6-36

