

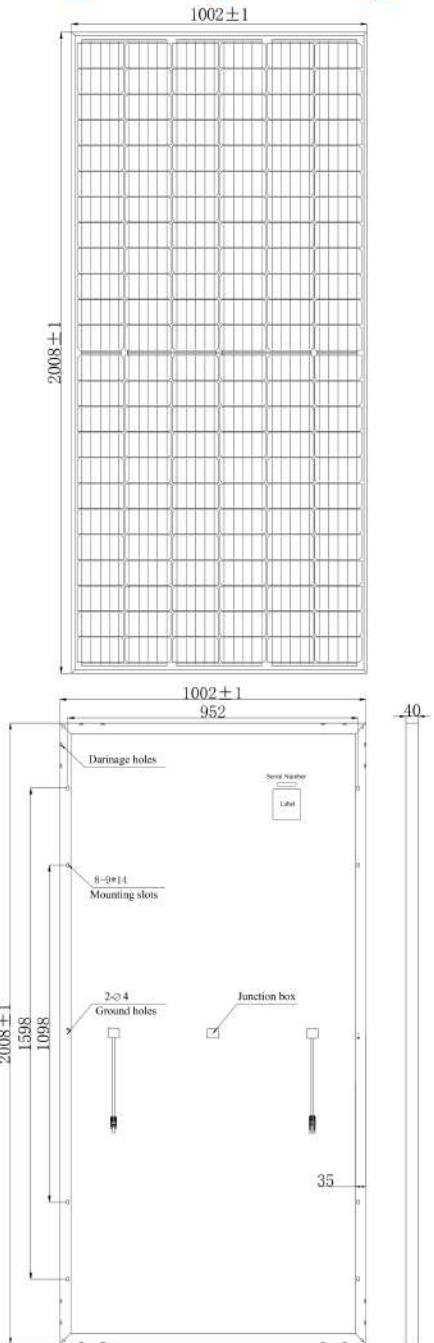
Electrical Characteristics

Model	SF-380S6-24	SF-385S6-24	SF-390S6-24	SF-395S6-24	SF-400S6-24
Maximum Power at STC(Pmax)	380W	385W	390W	395W	400W
Optimum Operating Voltage (Vmp)	40.03V	40.17V	40.33V	40.48V	40.63V
Optimum Operating Current (Imp)	9.493A	9.585A	9.671A	9.758A	9.845A
Open-Circuit Voltage (Voc)	47.99V	48.19V	48.32V	48.46V	48.61V
Short-Circuit Current (Isc)	10.217A	10.309A	10.415A	10.518A	10.686A
Solar Cell Efficiency (%)	21.91	22.20	22.49	22.77	23.05
Solar Module Efficiency (%)	18.88	19.13	19.38	19.63	19.88
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m ² , Modules Temperature 25°C, AM=1.5					

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	45°C +/-2°C
Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of VOC	-0.29%/°C
Temperature Coefficient of ISC	+0.05%/°C
Solar cell	Mono158.75*79.375mm
No.of cells	144 (6*12+6*12)
Dimensions	2008mm*1002mm*40mm
Weight	25kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV_*****
Connector	Plug and socket
Output cables	PV 4.0mm ²
1*20'	260pcs
1*40'	572pcs
1*40'HQ	638pcs
13.6	676pcs
17.5	884pcs

Engineering Drawings



IV-Curves

