

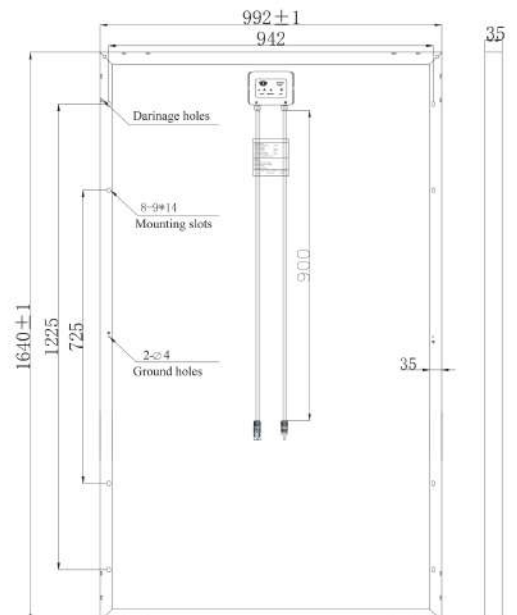
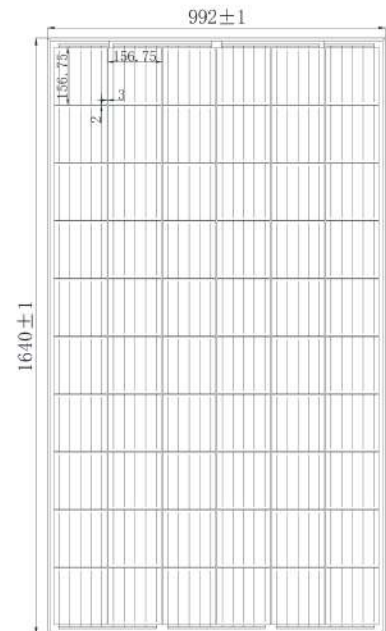
## Electrical Characteristics

Model	SH-260P6-20	SH-265P6-20	SH-270P6-20	SH-275P6-20	SH-280P6-20
Maximum Power at STC(Pmax)	260W	265W	270W	275W	280W
Optimum Operating Voltage (Vmp)	31.24V	31.31V	31.39V	31.47V	31.55V
Optimum Operating Current (Imp)	8.324A	8.463A	8.601A	8.738A	8.875A
Open-Circuit Voltage (Voc)	38.44V	38.51V	38.59V	38.67V	38.75V
Short-Circuit Current (Isc)	9.651A	9.801A	9.951A	10.100A	10.248A
Solar Cell Efficiency (%)	18.16	18.51	18.86	19.21	19.56
Solar Module Efficiency (%)	15.89	16.29	16.60	16.90	17.21
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m <sup>2</sup> ,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	-0.41%/°C
Temperature Coefficient of VOC	-0.33%/°C
Temperature Coefficient of ISC	+0.067%/°C
Solar cell	Poly156.75*156.75mm
No.of cells	60 (6×10)
Dimensions	1640mm*992mm*35mm
Weight	18kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV_*****
Connector	Plug and socket
Output cables	PV 4.0mm <sup>2</sup> ,0.9m
1*20'	360 pcs
1*40'	840 pcs
1*40'HQ	924pcs

## Engineering Drawings



## IV-Curves

