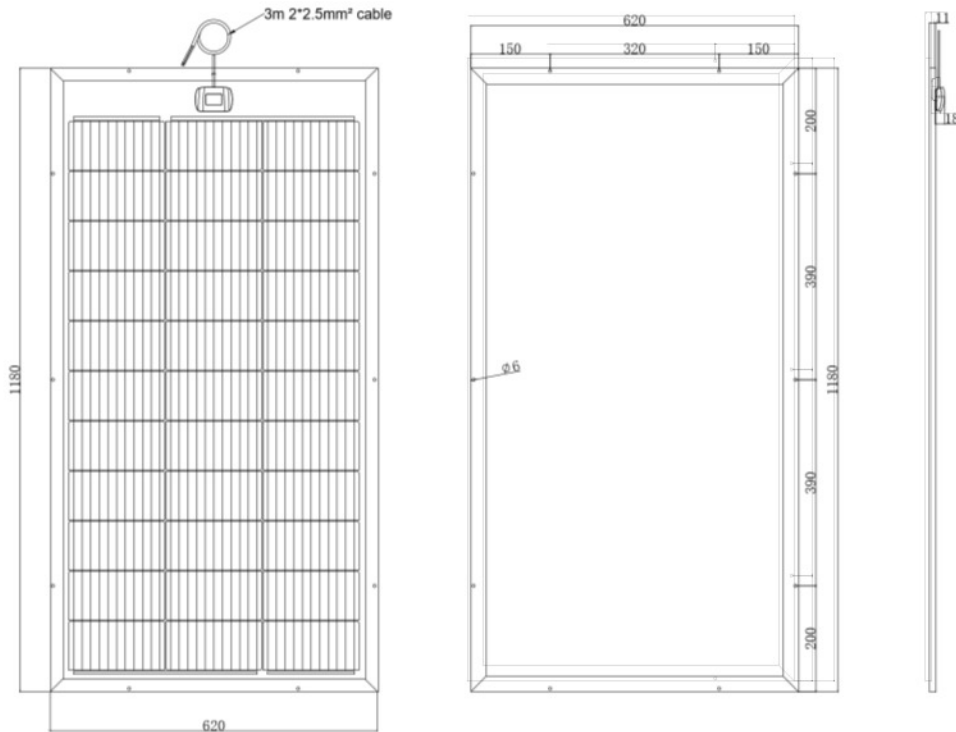


Product Details

LIGHTWEIGHT SOLAR PANEL SRGH120


Electrical Characteristics

Maximum power(Pmax)	120W
Open-circuit voltage(Voc)	22.3V
Voltage at Pmax(Vmp)	19.1V
Short-circuit current(Isc)	6.60A
Current at Pmax(Imp)	6.29A
Cells Efficiency(%)	22.70%
The maximum system voltage	1000V DC(IEC)
Power temperature coefficient	-0.35%/°C
Voltage temperature coefficient	-0.275%/°C
Current temperature coefficient	0.045%/°C
Output power tolerance	±3%
Operating Temperature	-20°C~75°C

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	33(3*11)
Module dimension	1180*620*11mm
Weight	3.23KG
Output cable	JB (2*bypass diodes) + 3m 2*2.5mm² cable
Waterproof	IP67
Certifications	CE, ROHS
Warranty	10 years and service life 20 years

Product Introduction

Glass-free, lightweight solar panels, weighing only 4.4 kg/m², high-strength design and impact resistance that prevents deformation caused by heat or load and defends against hail. The use of high-efficiency crystalline silicon solar cell technology and high-strength composite backsheets with low-temperature coefficient cells and insulation materials reduces the impact of rising temperatures on power output. Innovative super insulation and honeycomb structure enhances heat dissipation and energy conversion efficiency.

