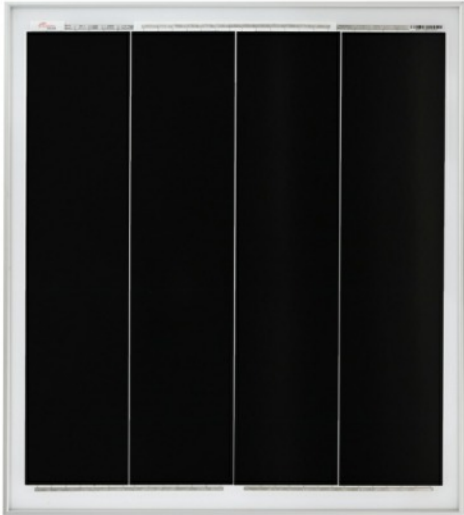
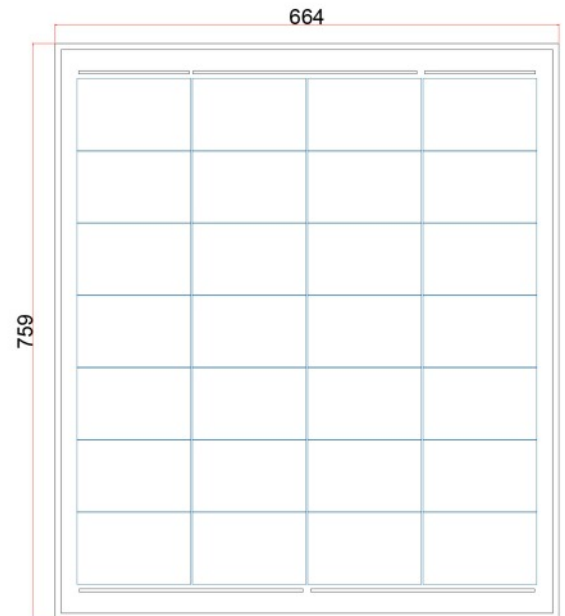


Product Details

RIGID SOLAR PANEL SRG90



Module Diagram



Electrical Characteristics

Maximum power(Pmax)	90W
Open-circuit voltage(Voc)	20.0V
Voltage at Pmax(Vmp)	17.4V
Short-circuit current(Isc)	5.33A
Current at Pmax(Imp)	5.18A
Cells Efficiency(%)	25%
The maximum system voltage	1000V DC(IEC)
Power temperature coefficient	-0.283%/°C
Voltage temperature coefficient	-0.23%/°C
Current temperature coefficient	0.03%/°C
Output power tolerance	±5%
Operating Temperature	-40°C~ 85°C

Product Introduction

Sunshine Solar SRG rigid solar panel now uses high-efficiency BC back-contact cells with cell efficiency up to 25%. The optimized cell layout and interconnection design enhance mechanical strength and reduce the risk of cell cracking, while excellent anti-PID performance and an improved temperature coefficient ensure stable long-term power output and higher energy yield.

With a robust tempered-glass structure, the SRG module has passed IEC reliability tests (mechanical load, thermal cycling, damp heat), making it a reliable choice for residential, commercial and off-grid systems that require high efficiency and durability.

Specifications

Solar cell brand	A grade mono 182 BC solar cells
No. of cells and connections	28(4*7)
Module dimension	759*664*35mm
Weight	1.74KG
Waterproof	IP65
Warranty	10 year warranty

