

Product Details

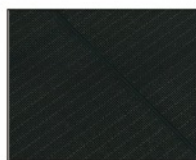
RIGID SOLAR PANEL SRG100



MC4

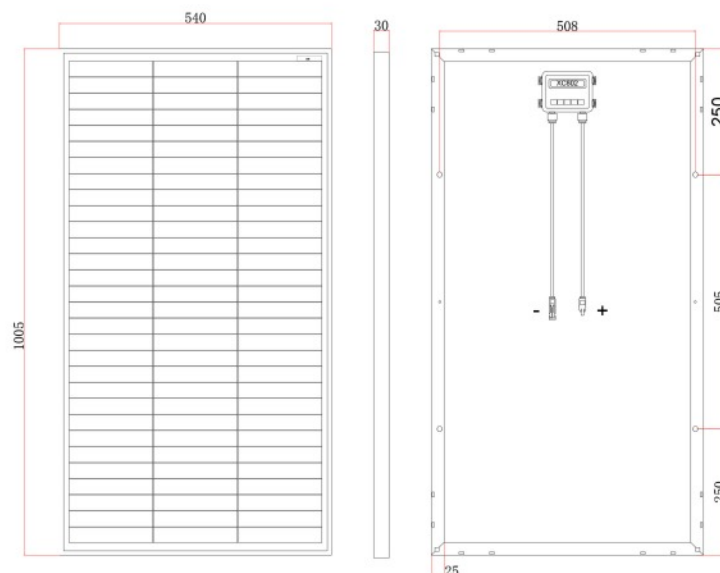


Aluminum frame



Tempered glass

Module Diagram



Electrical Characteristics

Maximum power(Pmax)	100W
Open-circuit voltage(Voc)	20.5V
Voltage at Pmax(Vmp)	17.4V
Short-circuit current(Isc)	6.09A
Current at Pmax(Imp)	5.75A
Cells Efficiency(%)	22.7%
The maximum system voltage	1000V DC(IEC)
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.36%/°C
Current temperature coefficient	0.07%/°C
Output power tolerance	±3%
Operating Temperature	-40°C~85°C

Specifications

Solar cell brand	A grade mono solar cells 166mm
No.of cells and connections	90(3*30)
Module dimension	1005*540*30mm
Weight	6.10KG
Output cable	XC802(2pcs15SQ045 diode), 900mm/4mm ² cable+MC4
Waterproof	IP67
Certifications	CE, ROHS
Warranty	10 years and service life 25 years

Product Introduction

Zero pitch of solar cells is achieved by adopting Shingled technology. It significantly reduces the package gap and maximizes the use of solar module space. Pre-drilled holes on the back of the panel allow for quick installation and fastening, making it ideal for off-grid applications such as RVs, rooftops, cabins, yachts, etc.

