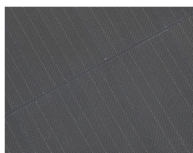


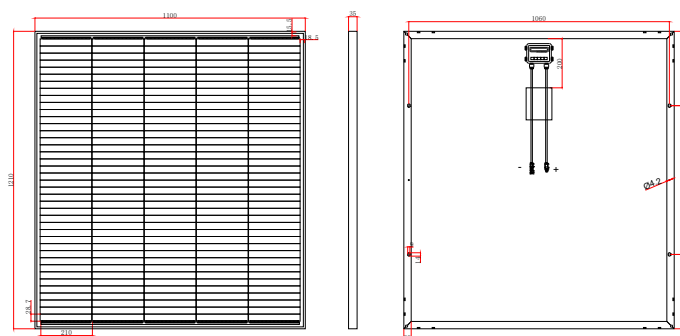


Product Details

RIGID SOLAR PANEL SGD-M2-250W



Module Diagram



Electrical Characteristics

Maximum power(Pmax)	250W
Open-circuit voltage(Voc)	26.9V
Voltage at Pmax(Vmp)	22.8V
Short-circuit current(Isc)	11.62A
Current at Pmax(Imp)	10.97A
Cells Efficiency(%)	22.00%
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 210mm
No.of cells and connections	200(5*40)
Module dimension	1210*1100*35mm
Weight	14.49KG
Output cable	2*diodes + 5000mm/4mm ² cable+MC4 compatible
Waterproof	IP65
Certifications	CE, ROHS
Warranty	10-year warranty, 25-year service life

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.

