

Product Details

100W RIGID GLASS SHINGLED SOLAR PANEL

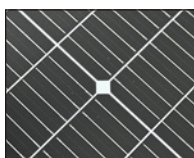
AT-GLASS-22.8-100BV10



MC4

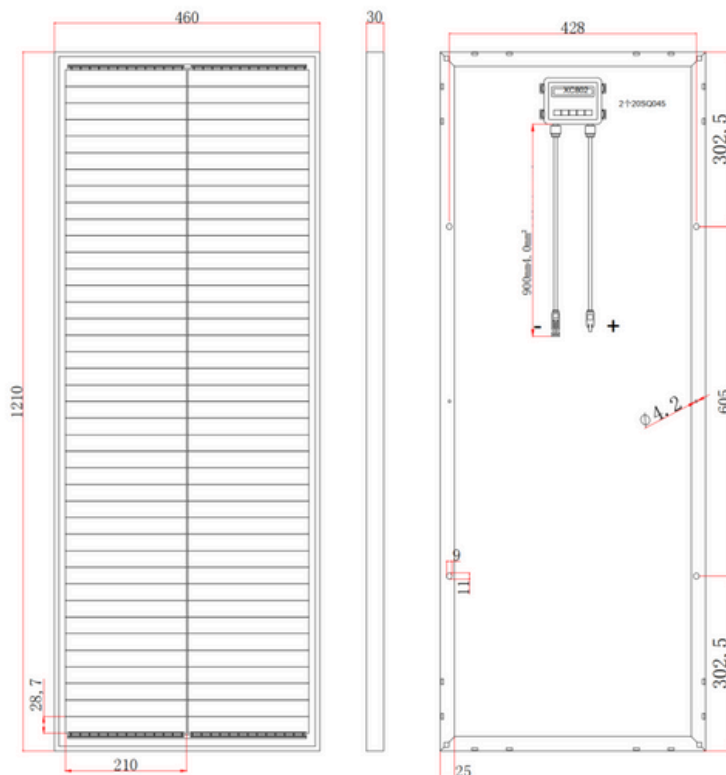


Shingled cell design



Tempered glass

Module Diagram



Electrical Characteristics

Maximum power(Pmax)	100W
Open-circuit voltage(Voc)	26.9V
Voltage at Pmax(Vmp)	22.8V
Short-circuit current(Isc)	4.65A
Current at Pmax(Imp)	4.39A
Cells Efficiency(%)	>22%
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	-40°C~85°C

Specifications

Solar cell	PERC Shingled solar cells 210mm
No.of cells and connections	80(2*40)
Module dimension	1210*460*30mm
Weight	6.06KG
Output cable	2*diodes + 5000mm/2*4mm ² cable+MC4 compatible
Waterproofing	IP65
Certifications	CE, ROHS, FCC
Warranty	10 years and service life 25 years

Product Introduction

The Shingled design of the 210mm PERC Mono solar cells do not require a bus bar across the top of the cells, resulting in improved power conversion efficiency of the module. Shingled solar panels also have significantly reduced losses caused by shading.

Shingled panels are also more resistant to failures caused by external forces and thermal expansion impacting the modules. Additionally, the panels have not visible circuitry resulting in a clean and simple curb appeal.

