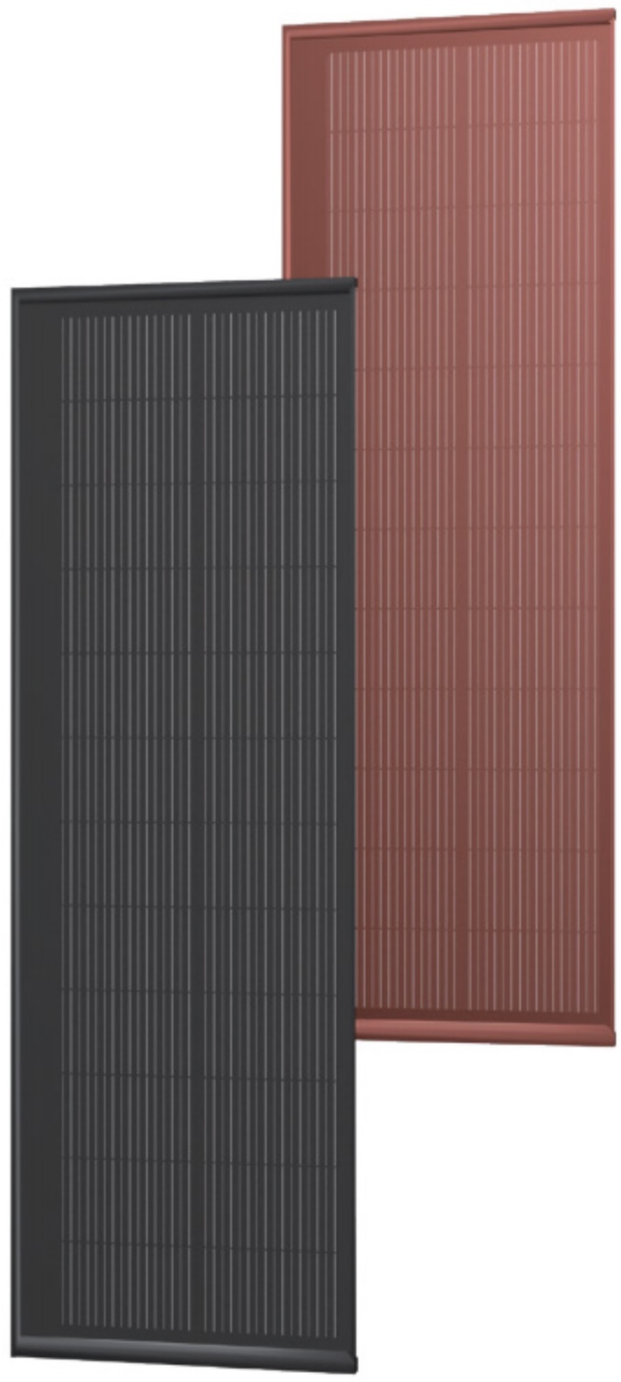
Solar Integrated Roof Panel

WATTWORKX SOLAR

Product Details

WWS-SIRP-100W-B
WWS-SIRP-100W-R

Module Diagram



Electrical Characteristics

Maximum power(Pmax)	100W
Open-circuit voltage(Voc)	8.2V
Voltage at Pmax(Vmp)	7.0V
Short-circuit current(Isc)	15.16A
Current at Pmax(Imp)	14.23A
Cells Efficiency(%)	22.7%
The maximum system voltage	1500V DC(IEC)
Power temperature coefficient	-0.35%/℃
Voltage temperature coefficient	-0.275%/℃
Current temperature coefficient	0.045%/℃
Output power tolerance	±3%
Operating Temperature	-40℃~85℃

Specifications

Solar cell brand	A grade mono solar cells 182mm
Wind resistance	Category 15 typhoon
Hail resistance rating	Diameter 25 mm | Impact velocity 23 m/s
Module dimension	1350*440*27.5mm
Weight	7.65KG
Fire performance rating	Grade A
Warranty	10 years
1350*440*27.5mm	Capacity per box: 36 tiles per 17.5-metre flatbed lorry; 3,240 tiles per 40-foot container; 2,304 tiles

Product Introduction

On the 182 mm single solar cell, the unique front, and back electrode pattern design improves the mechanical load of the module and reduces the fragmentation rate in the production of the module; combined with the excellent anti-PID performance, it ensures the stability of the power generation of the module, effectively The conversion efficiency of the module is improved.

The Aesthetics of Photovoltaic Roofs

Safe and reliable; durable

Lighter yet stronger

High power, low attenuation

Easy to install and maintain

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