

12V 6.5W Solar Panel

21 March 2026

Item No.: WSP1206

Typical Electrical Characteristics

Solar Cells	High-efficiency Mono-crystalline Silicon
Solar Cells Brands	JA Solar and TW Solar
Max Power Output	6.5 Watt
Vmp	12.1 Volt
Imp	0.53 A
Voc	14.5 Volt
Isc	0.57 A
STC Conditions	1000W/M ² , 1.5AM and Cell Temperature 25 °C
Operating Temperature	-40°C to +85°C
Power Tolerance	-5% to 5%
Cell Efficiency	23% or higher
Cell Quantities	21 pieces
Product Guarantee	5 years
Temperature Coefficients of Pmax	-0.38%/°C
Temperature Coefficients of Voc	-0.29%/°C
Temperature Coefficients of Isc	0.05%/°C

Physical Characteristics

Module Dimension	150x250x3.3mm
Tolerance of Length and Width	±0.5mm
Tolerance of Height	±0.3mm
Frame	Not included
Junction Box	43x34x4mm (part no. 709)
Cable	20 AWG red/ black wires 200mm
Terminals	Not included
Structure	100µm ETFE + EVA + Solar Cells + EVA + 2mm PCB
Package	Carton + Pallet

This solar module is RoHS approved.

