



200W FLEXIBLE SOLAR PANEL – PRODUCT DATASHEET

Product Name: Flexible solar panel

Product Model: JSL-1378-200

Product Specification: 1371×783×2.0 mm (without junction box and cables)

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Brand: JSL Power

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1. MECHANICAL PARAMETERS

Parameter	Specification
Cell Type	182 Topcon Monocrystalline solar cell, Efficiency ≥24.8%
Individual Cell Dimensions	182*60.66 mm
Panel Length	1371mm ±3 mm
Module Width	783 mm ±2 mm
Module Dimension (including Junction Box)	(at 10 mm from edge) 2.0 mm ±0.5 mm
Wire	PV-SY012 inline junction box, MC4 connector, 4 mm ² cable,
Cable length	900 mm ±10 mm
Weight (single unit net weight)	3 kg ±0.2 k
Accessories	/

*Cell layout and model are subject to minor market-driven adjustment, which may lead to slight dimension change.

2. SOLAR PANEL ELECTRICAL PERFORMANCE PARAMETERS

Parameter	Value
Peak Operating Power Pmax (@STC)	200W
Peak Operating Voltage Vmp (@STC)	25V
Peak Operating Current Imp (@STC)	8A
Open-Circuit Voltage Voc (@STC)	29.4V
Short-Circuit Current Isc (@STC)	8.42A

Charging Port Output Characteristics (All Ports)

Pmax (@STC)	199W
Vmp (@STC)	24.9V

*STC: Standard Test Conditions (Standard Tested Condition): AM=1.5, 25°C, 1000W/m².

*Electrical performance parameters may vary for each individual product. Actual values refer to test data. Parameter tolerance: -5% ~ +10%.

3. CELL TEMPERATURE COEFFICIENTS

Item	Value
Temperature Coefficient of Pmax	-0.32% K
Temperature Coefficient of Voc	-0.25% K
Temperature Coefficient of Isc	+0.045%/ K

4. PRECAUTIONS

4.1 OPERATING ENVIRONMENT

Use in an unobstructed outdoor environment with direct sunlight. The panel surface should be as perpendicular to sunlight as possible.

4.2 STORAGE CONDITIONS (LONG-TERM)

Temperature: 10~35°C; Humidity: not exceeding 60%.

4.3 OPERATING TEMPERATURE

-20°C ~ 60°C. Keep away from open flames. Do not allow high-temperature devices to contact the solar panel.

4.4 CHEMICAL EXPOSURE

This product must not come into contact with strongly corrosive substances.

4.5 PHYSICAL HANDLING

During use, avoid scratching or impacting the solar panel surface with hard objects. Handle with care.

4.6 STRUCTURAL STRESS

During transport and mounting, avoid subjecting the solar panel to significant bending stress.

4.7 ELECTRICAL SAFETY

When performing mounting, grounding, wiring, cleaning, or other operations on the photovoltaic module, always use appropriate electrical safety protective equipment to avoid electric shock or cuts.

5. WARRANTY

Module warranty period: 12 months. Within the warranty period, if quality issues arise with the product, we will provide corresponding repair and replacement services.

6. PACKAGING

- 1. Secure solar panel cables with cable ties.
- 2. Cover both top and bottom sides of solar panel with black EPE foam, place into inner carton, together with user manual and cardboard insert for shipment.