

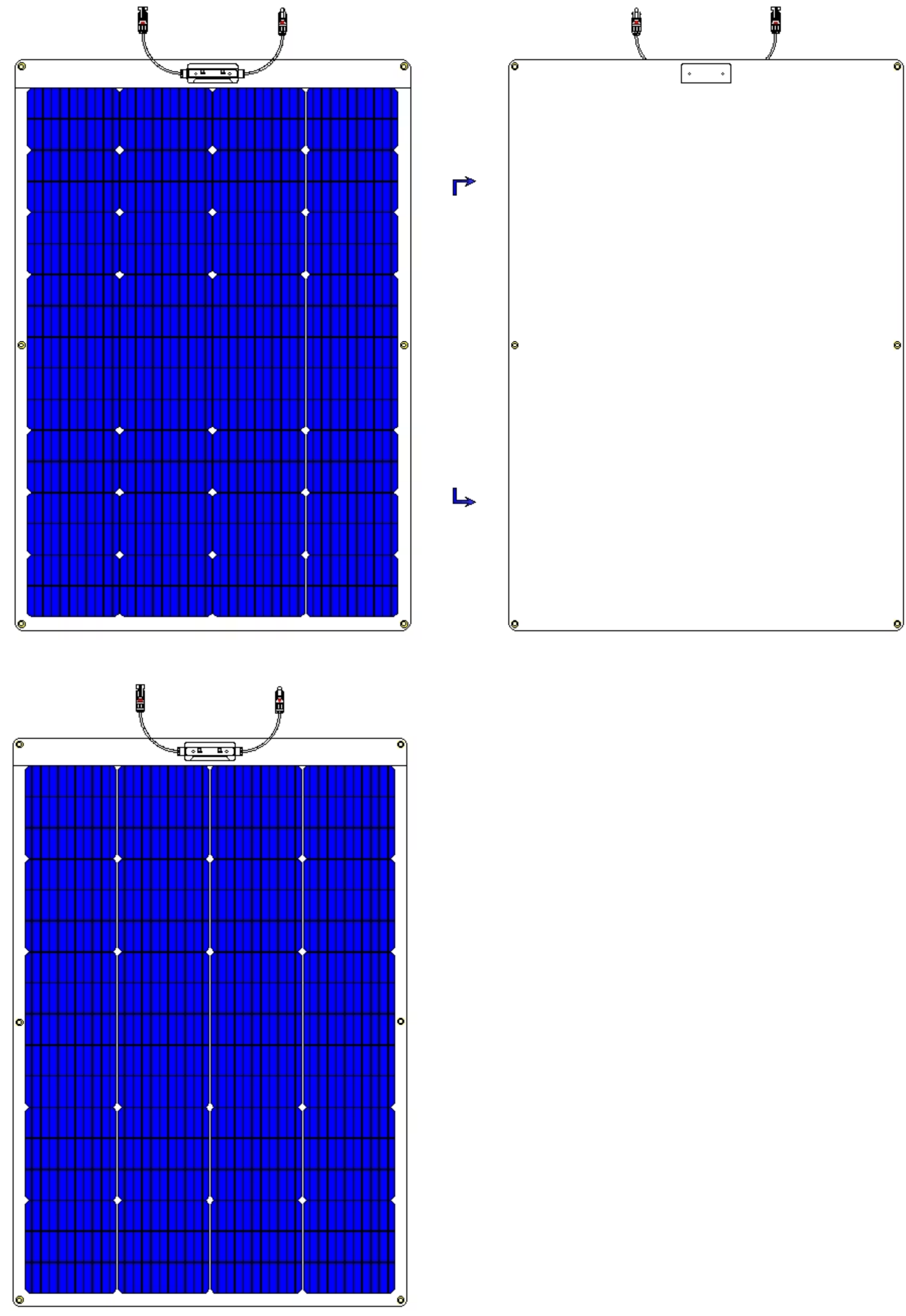


150W Flexible Solar Panel Specification Datasheet

Product Model: JSL-1338-150

Product Specification : 1133.53*787*25mm (with junction box)

1. Flexible Solar Panel Effect Drawing:



Front & Back Side Rendering of Solar Panel

2. Mechanical Parameters

Cell Type	Monocrystalline Silicon Cell
Panel Length	1133.53mm±5mm
Panel Width	787mm±5mm
Panel Thickness	2.6mm±0.3mm (measured 20mm from edge, excluding junction box); 25mm±2mm (including junction box)
Cell Dimensions	182×60.67mm (thickness: 0.18mm)
Cell Arrangement	4×17 Array
Weight	2.6Kg±0.2Kg
Front Surface	ETFE Matte
Back Sheet	KPF Black
Encapsulation	ETFE+EVA+KPF
Junction Box	Inline Junction Box (with 1×2.5mm² cable, cable length 900mm±10mm, MC4 connector)
Accessories / Cables	None
Packaging	TBD

3. Lightweight Panel Structure Composition

ETFE / EVA / Composite Material / EVA / KPF / Inline Junction Box

4. Bare Panel Electrical Parameters (Standard Test Conditions)

Rated Output Power Pmax (@STC)	150W (-5%, +10%)
Maximum Power Voltage Vmp (@STC)	19.4V (-5%, +10%)
Maximum Power Current Imp (@STC)	7.7A (-5%, +10%)
Open-Circuit Voltage Voc (@STC)	22.8V (-5%, +10%)
Short-Circuit Current Isc (@STC)	8.1A (-5%, +10%)

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

5. Temperature Coefficients

Current Temperature Coefficient	+0.038 % /°C
Voltage Temperature Coefficient	-0.31% /°C
Power Temperature Coefficient	-0.4% /°C

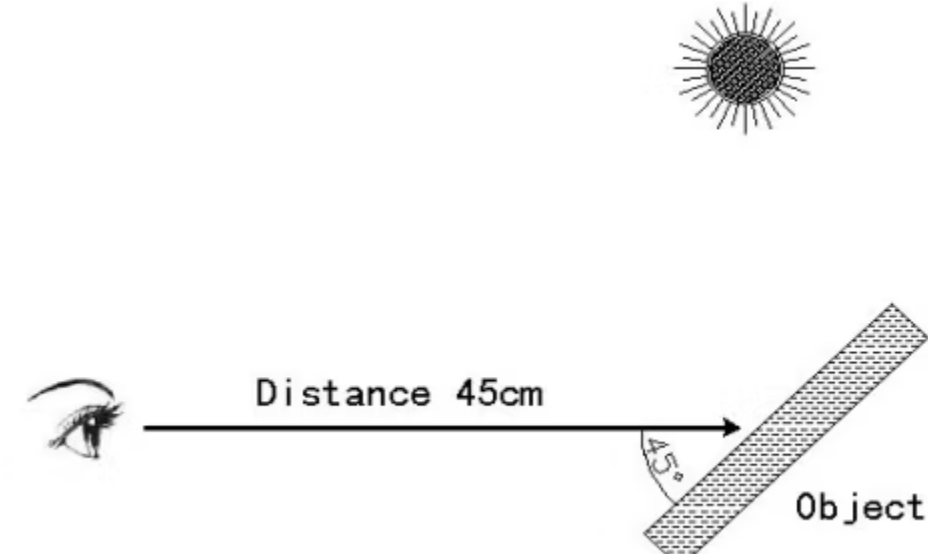
6. Test Standards:

- 6.1. Adjust irradiance to the customer-approved sample or internal calibration sample; testing instrument shall be the Disheng production test bench.
- 6.2. Using a module tester, bare panel test: output power ≥142.5W is acceptable.
- 6.3. Using a module tester, with-cable test: output power ≥142W is acceptable.
- 6.4. Calibrate irradiance every 2 hours.
- 6.5. Warranty Period: Module Warranty: 1 Year.

7. Visual Inspection Standards

- 7.1. Visual Inspection Standard: Based on Disheng internal inspection standards or as mutually agreed upon by both parties.
(Inspection standard to be signed separately)
- 7.2. Inspection Method:

Viewing Angle: Inspector's line of sight at 45° to the product surface, viewing distance 45cm (see diagram below)



Inspection Time:

Inspection Surface	Front Side	Back Side
Time (seconds)	5	3

8. Packaging (Tentative):

- 8.1. Apply foam corner protectors to all four corners of each solar panel, then place into inner carton.
- 8.2. Place inner carton into outer carton; 1 PCS per outer carton.

Article number: JSL-1338-150

Original factory model: 133787V01