



Flexible Solar Panel Specification

LLSOLAR is a specialist in customization, introducing colored solar cells, frames, and back-sheet material and shapes to aesthetically match your ideas with the prospective application. With innovative technology and design, LLSOLAR offers high quality modules with enhanced aesthetic appearance for building structures and facades. By providing outstanding customization options, LLSOLAR supports your required project needs with colored and shaped panels of your choice, and consults you in choosing the right size, thickness, shape, and color to compliment the design of your application and your building.

PRODUCT ADVANTAGES

01
Light Weight

02
Thin

03
Flexible

04
Easy Installation

05
Safety

06
Tailor Made

07
Aesthetics

08
No Optical Pollution

PRODUCT CERTIFICATES





LL SOLAR



Ip68 Waterproof



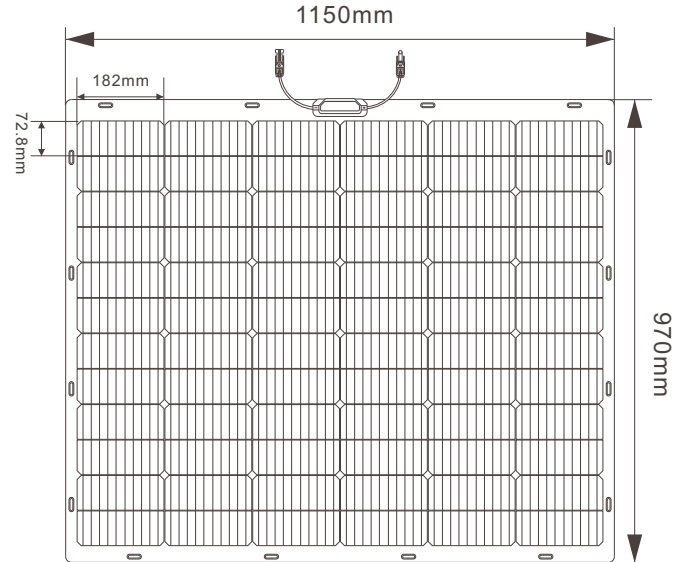
360° bending



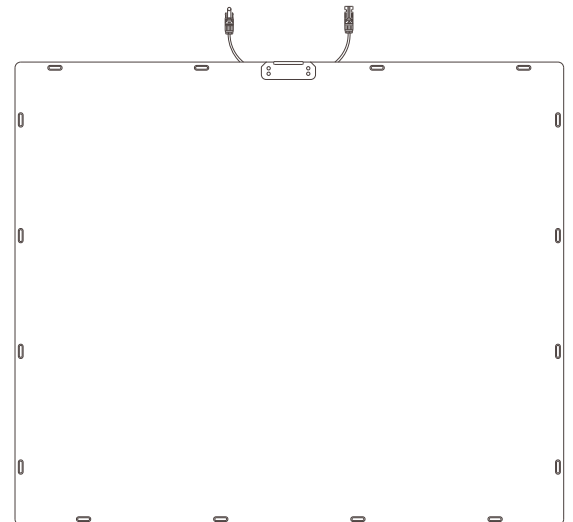
Thin and light

LL-RX200W Flexible Solar Panel

Front View



Back View



Packaging

Standard packaging	50pcs/pallet
Module quantity per 20' container	486pcs
Module quantity per 40' container	1080pcs/40' HQ container

Electrical Data

Max.Power(Pmax)	200W
Open Circuit Voltage(Voc)	48.9V
Short Circuit Current(Isc)	5.25A
Voltage at Pmax (Vmp)	40.0V
Current at Pmax (Imp)	5.0A
Solar Cells Efficiency	23%
Power Tolerance	0~±5%
Temperature Coefficient(Pmax)	-0.35%/°C
Temperature Coefficient (Isc)	+0.04%/°C
Temperature Coefficient (Voc)	-0.25%/°C

*STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.

Electrical Data, NMOT

Nominal Max. Power(Pmax)	150W
Open Circuit Voltage (Voc)	45.7V
Short Circuit Current (Isc)	4.19A
Max. Power Voltage(Vmpp)	31.96V
Max. Power Current (Imp)	4.01A
NMOT(Nominal Module Operating Temperature)	41°C ±3°C

*NMOT: Irradiance at 800w/m², Ambient Temperature 20°C, Wind Speed 1m/s.

Mechanical Data

Dimensions	1150x970x14.5mm
Weight	4.0kg
Solar Cell	72.8x182 Mono
Junction Box	IP68
Connector	MC4
Cable	2.5mm ² , 1000mm
Warranty	1 years

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