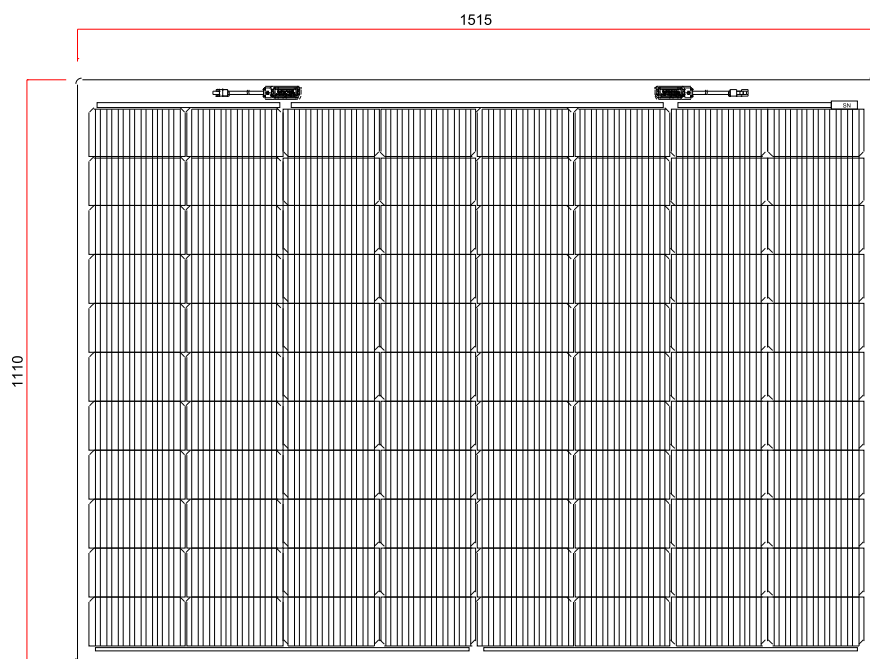


FSP325

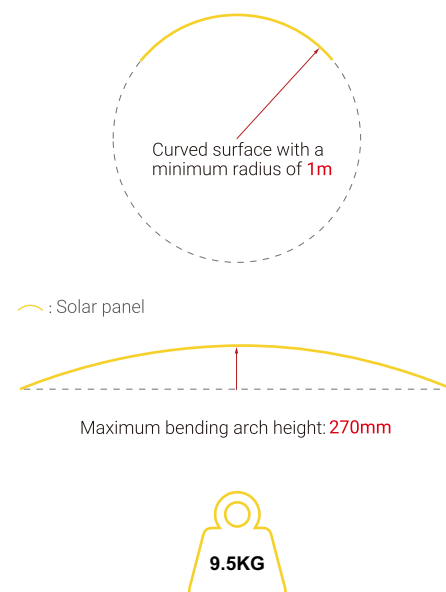
FLEXIBLE SOLAR PANEL 325W (FSP Series)



PRODUCT OVERVIEW



Solar panel bending diagram



PRODUCT INTRODUCTION

The **FSP325W flexible solar panel** combines a lightweight, flexible design with excellent durability and reliable performance. Its advanced composite construction helps resist cracking and impact, while its low weight makes it suitable for applications where traditional rigid solar panels may be impractical.

FEATURES

- **Crack-resistant construction**
Composite materials and a symmetrical structural design help distribute stress across the panel, reducing the risk of micro-cracks during bending or deformation.
- **Impact resistant**
Designed to withstand demanding environmental conditions and has passed the IEC 61730 hail test.
- **Class C fire rating**
Flame-retardant polymer composite construction provides enhanced fire safety.
- **Anti-glare surface**
Matte surface treatment helps reduce reflected glare.
- **Excellent anti-PID performance**
Designed to help maintain stable, long-term performance.
- **TÜV and CSA certify**
Tested to recognised international standards for quality, safety and reliability.
- **Suitable for harsh environments**
Designed to withstand conditions including UV exposure, humidity, heat, salt mist, hail and snow loads.

SPECIFICATIONS

Maximum Power (P _{MAX})	325W
Open Circuit Voltage (V _{OC})	31.5V
Voltage at P _{MAX} (V _{MP})	27.9V
Short Circuit Current (I _{SC})	12.23A
Current at P _{MAX} (I _{MP})	11.65A
Cells Efficiency 25%	25%
The Maximum System Voltage	1500V DC(IEC)
Power Temperature Coefficient	-0.32%/°C
Voltage Temperature Coefficient	-0.26%/°C
Current Temperature Coefficient	0.46%/°C
Output Power Tolerance	±5%
Operating Temperature	-40°C~+85°C
Solar cell brand	182 TOPCon
No.of cells and connections	8×11
Output cable	JB (2*bybass diodes) + 500mm/4mm ² cable
Waterproof junction box	IP68
Certified Quality	CE, RoHS, TÜV, CSA