Products



LS-SP Series Foldable Solar Panel 100W/200W/300W/400W

- Multi-power scenario coverage
- Efficiency up to 25.8%
- IP67 rated waterproof
- CE (LVD,EMC,RoHS),UKCA certification

LS-SP series 100W,200W,300W,400W folding solar panels: four power options,25.8% monocrystalline silicon efficient power generation,universal interface (MC4 to Anderson/XT60/DC) compatible with 99% of the outdoor power station; ETFE self-cleaning film + IP67 protection,rain,wind,sand,and dust as usual power supply-! -Small to backpacker's cell phone charging,large to RV air conditioning renewal,a board to handle the whole scene of outdoor electricity.

Product Specification

Model	LS-SP100F	LS-SP200F	LS-SP300F	LS-SP400F
Peak Power	100W	200W	300W	400W
Cell No.	2*10		3*5	4*5
Cell Material	Monocrystalline Silicon			
Process	ETFE laminated integrated			
Maximum Power Voltage (Vm)	23.20V		36V	46.4V
Maximum Power Current (Im)	4.32A	8.63A	8.34A	8.63A
Open Circuit Voltage (Voc)	27.95V		43.37V	55.90V
Short Circuit Current (Isc)	4.69A	9.27A	8.96A	9.27A
Cell (Type/Dimensions)	210*52.5 Mono		210*105 Mono	
Net Weight	4KG	6.55KG	8.7KG	12.90KG
MC4 Connector	2mm² 50cm Cable+MC4 (Optional Anderson / XT 60 / DC5521)		4mm² 50cm Cable+MC4 (Optional Anderson / XT 60 / DC5521)	
Unfolded Size (L/W/H)	1055*585*5 mm	2025*585*5mm	2445*676*5mm	2445*886*5mm

Product Specification

Model	LS-SP100F	LS-SP200F	LS-SP300F	LS-SP400F
Folded Size (L/W/H)	528*585*25mm	528*585*45mm	639*676*35mm	639*886*35mm
Number of Folds	2 Folds	4 Folds		
1 in 1 Carton Dimensions (inner)	650*590*70mm	650*590*70mm	740*700*70mm	950*700*70mm
Gross Weight	5.05KG	7.6KG	10.05KG	14.45KG
Protection Degree	≥IP67			
Maximum System Voltage	1500VDC			
Operating Temperature	-20°C... +60°C			
Warranty	3 Years			
Certificate	CE (LVD, EMC), RoHS, UKCA			
Standards	IEC 61215-1-2:2021;IEC 61215-1-3:2021 ;IEC 61215-1-4:2021;EN 55032:2015+A11:2020+A1:2020;EN IEC 61000-3-2:2019+A2:2024;EN 61000-3-3:2013+A2:2021;EN 55035:2017+A11:2020;IEC 62321-3-1:2013;IEC 62321-4:2013+AMD1:2017;IEC 62321-5:2013;IEC 62321-6:2015;IEC 62321-7-1:2015;IEC 62321-7-2:2017;IEC 62321-8:2017			

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C