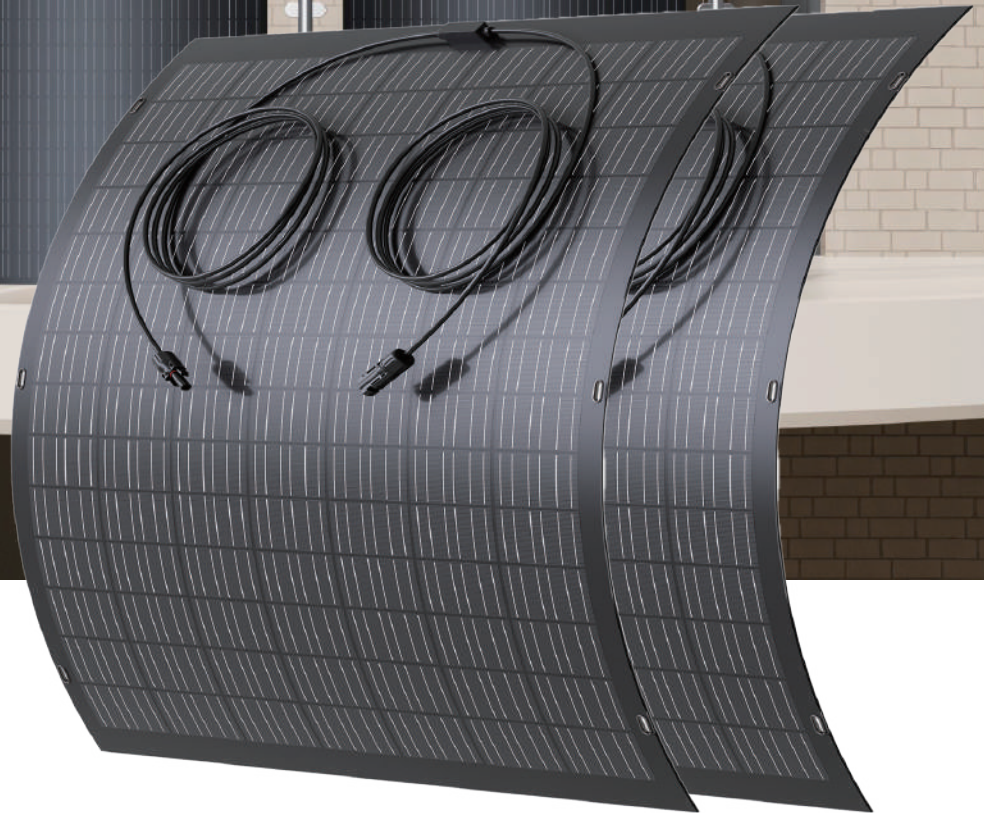


Flexible Solar Panel Datasheet LS-SP240



Description

Our Flexible Solar Panel is a lightweight, bendable and waterproof monocrystalline silicon solar panel, which designed for outdoor and mobile applications. Its flexible design allows easy installation on curved surfaces.

Applications: RV, camping, yacht, roof, balcony, home/garden, DIY solar systems, etc.

Features



High efficiency ($\geq 19.15\%$)



Premium Reliability



Wide temperature range (-40°C to $+85^{\circ}\text{C}$)



IP67 waterproof & dustproof



Ultra-lightweight (3.70kg)



Bendable for curved surfaces

Technical Specifications

Model Type	LS-SP240
Peak Power(Pmax)	240
Maximum Power Voltage(Vmp)	23.10V
Maximum Power Current(Imp)	10.39A
Open Circuit Voltage(Voc)	28.56V
Short Circuit Current(Isc)	10.98A
Module Efficiency(%)	19.15
Maximum System Voltage(V)	1500
Maximum Series Fuse Rating(A)	15
Power Tolerance	0 ~ +3%
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.330%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40 ~ +85
Cell Type	182*70 Mono
No. of Cells	84(6*14)
Dimensions	1150*1090*2.5mm
Weight	3.70kg
Junction box	IP67
Output cables	2.5mm² cable 50cm + mc4
MaxWind Load/Snow Load	2400Pa/5400Pa
Certificate	CE (LVD, EMC), RoHS, UKCA

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