

**Flexible Solar  
Panel  
Datasheet**  
**LS-240W**

## Description

Lionshee 240W Flexible mono solar panel ensures reliable and sustainable power for off-grid living, maintaining over 80% output efficiency even after 25 years of use. It weighs 50% less than rigid panels, making it easy to carry and install. In addition, an additional composite layer is embedded inside to increase durability and flexibility.

Designed to be lightweight, portable and versatile, it is suitable for a variety of applications where traditional rigid panels are impractical.

Often installed on a smaller scale on balconies, RVs, backpacks and near tents, etc.

## Features



240W Electricity Output



25 Years Power Warranty



182 x 83 MONO SOLAR CELL



IP67 Waterproof



6.83 lbs(3.1KG) Light Weight



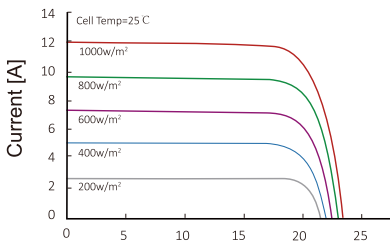
Bendable up to 120°

# Technical Specifications

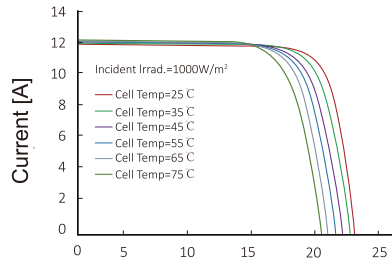
Model	LS-240W
Type Name	FLEX240MD(BK)
Maximum Power (Wp)	240W
Cell No.	MONO182 (6x12)
Connection	Parallel
Open Circuit Voltage (Voc)	23.60V
Short Circuit Current (Isc)	11.90A
Maximum Power Voltage (Vm)	21.01V
Maximum Power Current (Im)	11.23A
Maximum Series Fuse	20A
Efficiency	17.55%
Net Weight	2.6KG
Cables & Plug Connectors	2x3000mm / 2.5m <sup>m²</sup>
Module Dimensions (L/W/H)	1150x1090x2mm
2 in 1 Carton Dimensions (inner)	1170x1120x30mm
Qty/20GP	1300pcs
Number of Diode	2
Power Tolerance	±3%
Junction Box (Protection Degree)	≥IP67
Maximum System Voltage	600V/DC
Temperature-Coefficient Isc	+0.08558%/°C
Temperature-Coefficient Uoc	-0.29506%/°C
Temperature-Coefficient Pmpp	-0.38001%/°C
Operating Temperature	-40°C... +85°C
Standard Test Conditions	1000W/M2,25°C, AM1.5
Certificate	CE
Warranty	1 years' product warranty

- Higher Initial Transmittance
- Better Aging Performance
- Lower Power Attenuation

**CURRENT-VOLTAGE CURVES:**



Module characteristics at constant module temperatures of 25°C and variable levels of irradiance



Module characteristics at variable module temperatures and constant module irradiance of 1.000 W/m²

