

Solar Powered LED Lighting System with USB Charging

This solar-powered lighting system uses a 2.5W/7.8V polycrystalline silicone panel. It also features a USB mobile charging function.



Product Overview

Sustainable Off-Grid Lighting

This solar-powered LED lighting system provides a reliable, eco-friendly source of illumination and mobile power. Equipped with a high-efficiency polycrystalline solar panel and an advanced micro-programmed control unit, it ensures safety with integrated circuit protections. Designed for versatility, the system features dimmable 360-degree lighting and integrated USB charging, making it an essential tool for off-grid applications or emergency lighting needs.

Technical Specifications

Performance Metrics

150 LM

Maximum Brightness

8 hrs

Standard Charging Time

50 hrs

Max Runtime

Power & Energy

Component	Specification
Solar Panel	2.5W/7.8V Polycrystalline
Battery	1450mAh/6.6V LiFePO4
LED Count	12 pcs
Charging Output	USB Port

Features

Key Capabilities

- Micro-programmed circuit protection (Over-voltage, over-current, short-circuit)
- 360-degree illumination angle
- 4-step dimmable light intensity
- Low voltage reminder
- Integrated USB mobile device charging

Logistics

Packaging Details

Unit	Dimensions (mm)
Individual Box	135 x 65 x 185
Master Carton (24 pcs)	640 x 290 x 405