

Off-Grid Solar Home Lighting Kit

This solar home lighting kit provides off-grid lighting and power solutions. It features a solar panel for energy harvesting, a control unit for power management, and LED lamps for illumination.



ADDITIONAL IMAGES



Overview

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This comprehensive off-grid solar lighting solution provides reliable illumination and USB mobile charging capabilities for remote locations. The system includes a high-efficiency solar panel, a durable control unit with a replaceable lithium battery, and two high-brightness LED bulbs. Designed for safety and longevity, it features integrated over-charge and over-discharge protection, making it an ideal choice for homes, camping, and emergency backup power.

Technical Specifications

Ingress Protection Level (Panel)

IP65

Solar Panel Capacity

4 W

Battery Capacity

2200 mAh

Performance Metrics

Operational Runtime

8 hrs

Runtime (2 Bulbs)

16 hrs

Runtime (1 Bulb)

Full Charge Time

8 hrs

Hardware & Accessories

Included Components

- Solar Panel (5m cable)
- 2 x 1W LED Bulbs (5m cable each)
- 5-in-1 Phone Charging Tip Adapter
- Charging connection cable
- Instruction Manual

Construction Materials

ABS, PC

Compliance & Maintenance

Certifications

CE, RoHS

Warranty Coverage

1 Year