

# Off-Grid Solar Power Kit with LED Lighting

This off-grid solar power kit provides lighting and power in areas without electricity. It includes a solar panel, power storage unit with multiple ports, three LED bulbs, and a tube light.



## ADDITIONAL IMAGES



## System Overview

### Compact Off-Grid Solar Power System

This all-in-one solar DC lighting kit is an ideal power solution for areas without grid access, such as remote homes, camping sites, or emergency scenarios. The system integrates a solar panel, a high-capacity lithium battery, and multiple LED light outputs into a portable, easy-to-install unit. With built-in protection features and versatile phone charging capabilities, it provides a reliable and sustainable source of light and energy.

## Technical Specifications

Solar Panel Power	4 W
Solar Panel Voltage	10 V
Battery Capacity	3000 mAh
Battery Chemistry	LiFePO4

## Lighting Performance

### Performance Metrics

**9 hours**

Runtime (2 Lamps)

**18 hours**

Runtime (1 Lamp)

Light Source	Super-bright LED
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## Features & Compliance

### Protection Features

- Over-charging protection
- Over-discharging protection

Certifications	CE, RoHS, ISO 9001:2015
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