

Off-Grid Solar Power System with LED Lighting

This solar home system delivers a complete off-grid power solution for lighting and small electronic devices. The integrated battery provides backup power for nighttime use and supports mobile phone charging.



ADDITIONAL IMAGES



Overview

Off-Grid Solar Power Solution

The PS-K025L2 is a multi-functional solar-powered energy system designed to provide reliable illumination and power for small electronics in off-grid environments. Capable of lighting up to three rooms, the system includes USB mobile phone charging capabilities and supports DC-powered appliances like fans, TVs, or radios. Its integrated high-capacity battery ensures consistent performance throughout the night, making it an ideal choice for remote areas lacking grid connectivity.

Technical Specifications

Performance Metrics

43 hrs

1 Bulb Runtime

22 hrs

2 Bulbs Runtime

14 hrs

3 Bulbs Runtime

| | |
|--------------------|------------------------------------|
| Solar Panel Rating | 20 W |
| Battery Capacity | 13000 mAh |
| Battery Voltage | 11.1 V |
| Charging Time | 9-11 hours |
| Charging Methods | Solar Panel, AC Adapter (Optional) |

Logistics

Container Loading

| Container Type | Quantity |
|----------------|----------|
| 20 GP | 1200 |
| 40 GP | 2600 |