

Solar Power System with Inverter and LED Lighting

This unit combines solar power supply, lighting, radio, and video functions. It provides lighting for remote pasturing and mountainous areas, fishing boats, and field work.



System Overview

Integrated Solar Home Energy Solution

This comprehensive solar power system integrates intelligent charging, energy storage, and lighting capabilities into a single, durable unit. Designed for reliability, the system features advanced PWM charging technology to extend battery life and includes comprehensive safety protections against overcharging, short circuits, and polarity errors. Beyond power management, the unit serves as an entertainment hub with integrated high-fidelity MP3 audio and professional amplification.

Key Features

Intelligent PWM Charging, Overload Protection, Short Circuit Protection, Fireproof ABS Casing, Integrated Hi-Fi Audio

Technical Specifications

Charging Performance

10 A

Rated Charging Current

System Compatibility

- 12V System Load
- 24V System Load
- 20W-100W Controller Support

Physical Design

Housing Specifications

High-Impact ABS • Antifriction • Etching Resistant • Temperature Resistant • Fireproof

Case Dimensions

460 x 350 x 345 mm

Internal Storage

Dedicated space for tools, cables, and components