

100W Off-Grid Solar Power System

This off-grid AC-DC power system includes solar panels, brackets, and a power control box. It is designed for users in remote areas and for field work.



ADDITIONAL IMAGES



Overview

Off-Grid Power Solution

This 100W Off-Grid Solar Power System is a compact, integrated solution designed for reliable energy access in remote locations or emergency situations. The system combines a solar panel, charge controller, inverter, and battery into a single, easy-to-install chassis. It supports both AC and DC output, providing versatile power options for a wide range of devices.

Technical Specifications

Rated Power	100 W
Scalable Solar Input	Up to 200W / 18V
Safety Protections	Over Charge Protection, Over Discharge Protection, Overload Protection, Anti-Reverse Protection, TVS Lightning Protection

Output Interfaces

Output Interface Configuration

Output Type	Quantity
DC 20V	1
DC 12V	1
DC 9V	1
DC 3.3V	1
USB 5V	4
AC 220V	2

Display & Monitoring

Real-time Monitoring

- Battery voltage display
- System voltage display
- AC output voltage display
- Solar charge status indicator
- DC/AC fault indicators

Design & Utility

Charging Methods

Solar Panel • Grid Electricity

Installation

Yes