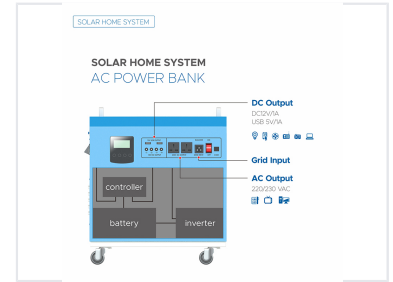
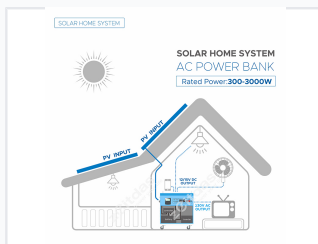


Portable Solar Power Station

This portable solar power station features a hybrid power system with an integrated inverter, controller, and battery. It is designed for eco-friendly solar energy generation with configurable AC/DC ports and auto-restart when AC recovers.



ADDITIONAL IMAGES



Overview

Versatile Off-Grid Solar Solutions

This portable solar power station is designed to provide reliable electricity to structures and villages where no electrical grid exists. The system integrates a controller, battery, and inverter into a mobile unit, making it a simple and convenient solution for off-grid living. Suitable for any climate, it supports essential needs such as lighting, phone charging, and running household appliances like TVs and fans.

Performance

Rated Power Range

500 W

Min Rated Power

3000 W

Max Rated Power

Output Specifications

AC Output Voltage

- 220V AC
- 230V AC

DC Output Ports

Port Type	Voltage/Current
USB Port	5V / 1A
DC Port	12V / 1A
DC Output	15V

System Features

Functional Capabilities

- Hybrid Power System
- Auto-restart when AC recovers
- Cold start with battery
- Configurable AC/DC ports

Integrated Components

Solar Controller, Lithium Battery, Power Inverter, High-Efficiency Solar Panel

Input Options

Charging Inputs

PV (Solar) Input • Grid (Mains) Input

Applications

Supported Devices

- Cell phones
- Lighting
- TVs
- Fans
- Fridges

Physical Design

Control Interface

- Breaker switch (On/Off)
- Dedicated AC Output ports
- Dedicated DC Output ports

Mobility

Mobile unit equipped with wheels for easy transportation