

Off-Grid Solar Power System Components

This system converts sunlight into electricity. It includes a solar panel, battery, charge controller, and inverter for off-grid power applications.



Overview

Off-Grid Solar Power Solution

This off-grid solar photovoltaic system is designed to provide reliable, independent power for remote applications. The setup integrates essential components including high-efficiency solar panels, energy storage batteries, charge controllers, and power inverters. It effectively captures solar energy, stores it for later use, and converts it into usable AC power for household or industrial appliances.

System Components

Included Components

- Solar Photovoltaic Panel
- Energy Storage Battery
- Charge Controller
- Power Inverter

Primary Function

Off-Grid Power, DC to AC Conversion, Energy Storage, Photovoltaic Conversion

Technical Specifications

Application

Off-Grid • Photovoltaic

Power Conversion

DC to AC