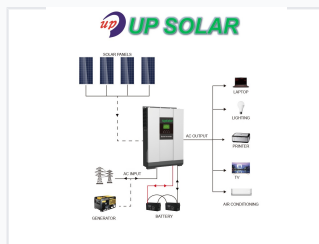
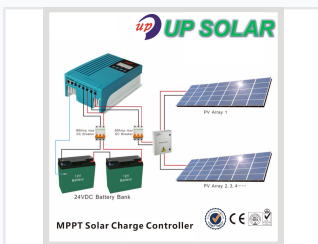


# 5kW Hybrid Off-Grid Solar Power System

This hybrid off-grid solar system is designed for residential or commercial use. It integrates solar panels, a solar inverter, battery storage, and AC input to provide a versatile power solution.



## ADDITIONAL IMAGES



## System Overview

### Reliable Hybrid Power Solution

This 5kW hybrid off-grid solar system is designed to provide comprehensive energy independence for residential or commercial applications. By integrating solar panels, a hybrid inverter, and battery storage, the system efficiently manages power generation while offering seamless backup support from the utility grid or a generator. It reliably powers essential appliances, including lighting, laptops, printers, TVs, and air conditioning systems.

## Technical Performance

### Rated Power Capacity

**5 kW**

System Capacity

### Compatible Appliances

Laptops, Lighting, Printers, TVs, Air Conditioning

## Charge Controller

### Battery Bank Compatibility

- 12V Batteries
- 24VDC Battery Bank

### DC Breaker Protection

Component	Rating
Primary DC Breaker	50 Amp
Secondary DC Breaker	30 Amp

### Controller Technology

MPPT Solar Charge Controller

## System Integration

### Available Input Sources

PV Array • Utility Grid • Generator