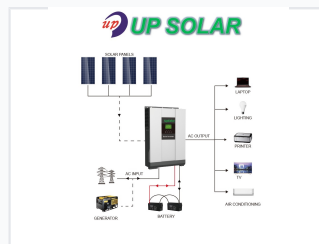
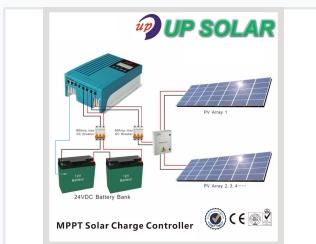


5kW Hybrid Off-Grid Solar Power System

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