

Off-Grid Solar Power System 1kW-20kW

This off-grid solar power system is suitable for both residential and commercial applications. It provides a reliable power source by storing excess energy in batteries, making it ideal for remote locations and areas with frequent power outages.



ADDITIONAL IMAGES



Product Overview



A complete off-grid power solution including high-efficiency solar panels, battery storage, and inverter units.

Comprehensive Off-Grid Power Solution

This off-grid solar power system provides a reliable and sustainable energy source for both residential and commercial applications. Ranging from 1kW to 20kW, the system operates independently of the utility grid, making it an ideal choice for remote locations or areas prone to power outages. Engineered for durability, each system includes high-efficiency solar panels, a charge controller, battery storage, and an inverter to convert energy for daily use.

Technical Specifications



Schematic representation of the energy flow from solar panels to load through controllers, batteries, and inverters.



Scalable solar power solutions designed for diverse energy requirements from 1kW to 20kW.

Core Components

- Solar Panels
- Inverter
- Charge Controller
- Battery Storage

Available Capacities

1kW, 3kW, 5kW, 8kW, 10kW, 15kW, 20kW

Compliance and Warranty

Electronics Warranty

3 Years

Inverter and Battery

Photovoltaic Warranty

25 Years

Solar Panels and Accessories

Quality Certifications

TUV, CE, ISO, CQC, SGS

Operational Metrics

Annual Production

18000 sets/year