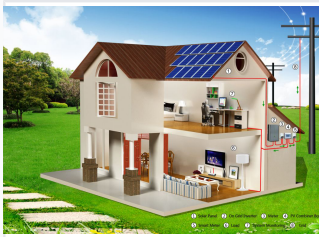


On-Grid Solar Power System

This on-grid solar power system converts sunlight into electricity for homes and businesses. It allows seamless integration with the existing power grid.



ADDITIONAL IMAGES



Overview

High-Efficiency On-Grid Solar Solution

This comprehensive on-grid solar power system is engineered for reliable energy conversion and long-term durability. Featuring PID-resistant A-grade components and an integrated DC switch for enhanced safety, it offers a robust solution for residential, commercial, and industrial solar installations. With flexible connectivity options and high conversion efficiency, this system is designed to seamlessly integrate with existing electrical grids.

Performance Metrics

Max Conversion Efficiency

17.5 %

Solar Panel Efficiency

98.3 %

Inverter Max Efficiency

Power Tolerance

0~+3%

Mechanical Load Resistance

5400 Pa

Inverter Specifications

Safety Features

Integrated DC Switch • PID Resistant • Anti-reflective

MPP Trackers

2

Communication Options

WIFI, RS485

Installation & Compatibility

Supported Mounting Environments

- Residential Pitched Roof
- Commercial Flat Roof
- Workshop Roof
- Ground Mounted
- Vertical Wall Mounted

Included Components

- PV Cable (4mm² and 6mm²)
- MC4 PV Connector
- AC Cable
- Fuse
- Air Switch
- Knife Switch
- AC/DC PV Combined Box

Warranty & Quality

Warranty Terms

| Coverage | Duration |
|---------------------------|----------|
| Output Power Guarantee | 25 Years |
| Standard Product Warranty | 5 Years |