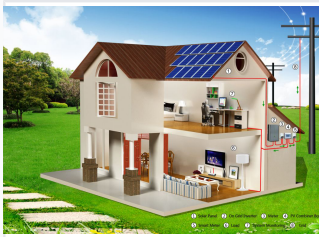


# On-Grid Solar Power System

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

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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 (4mm<sup>2</sup> and 6mm<sup>2</sup>)
- 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