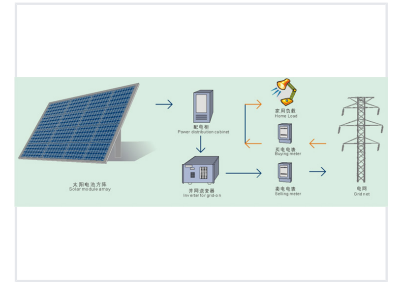


# Grid-Tie Solar Power System

This system allows homes to utilize solar power by converting sunlight into electricity. It facilitates grid connection through an inverter, enabling the use of solar-generated electricity and tracking energy flow with buying and selling meters.



## System Overview

### Grid-Tie Solar Power System

This grid-tie solar system efficiently converts solar energy into usable electricity for residential applications. The system architecture includes a robust solar module array, a power distribution cabinet, and a high-performance grid-on inverter. It features integrated metering technology to track energy flow, allowing users to seamlessly monitor consumption and manage grid interaction for optimized energy savings.

#### Key Components

- Solar module array
- Power distribution cabinet
- Grid-on inverter
- Buying meter
- Selling meter

#### System Topology

Grid-Tie • Residential

## Technical Specs

### Energy Conversion

DC to AC grid-compatible conversion