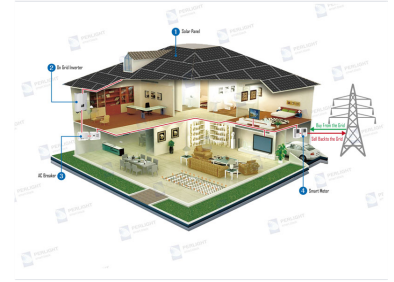


# 30kW On-Grid Solar Power System

This system generates electricity for self-contained use, with any remaining electricity being fed back into the grid. It is suitable for residential and commercial applications, reducing electricity costs and promoting sustainable energy consumption.



## ADDITIONAL IMAGES



## System Overview

### High-Efficiency 30kW Solar Power Solution

This 30kW on-grid solar power system is engineered for reliable energy generation in both residential and commercial settings. By converting solar energy into usable AC electricity, the system helps reduce operational electricity costs and supports sustainable energy practices. The comprehensive setup includes high-performance solar panels, a robust on-grid inverter, safety breakers, and a smart meter for seamless energy management.

## Technical Specifications

### Rated Power Output

**30 kW**

Rated Power Output

### System Architecture

On-Grid • Photovoltaic

## System Components

### Included Equipment

- High-performance solar panels
- On-grid inverter (DC to AC conversion)
- AC safety breaker
- Smart energy meter

### Operational Capabilities

Grid-tie capability, Energy export, Grid consumption, Energy flow monitoring