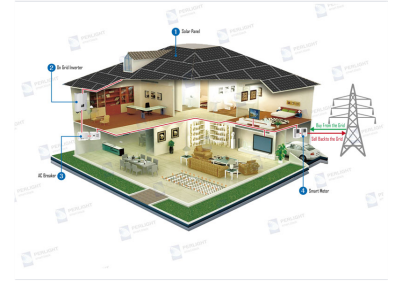


40kW Solar Power Generation System

This 40kW solar power system provides a comprehensive solution for renewable energy generation. The system includes high-efficiency solar panels and an Invt inverter for converting DC to AC power, suitable for residential, commercial, or industrial applications.



ADDITIONAL IMAGES



Overview

Comprehensive Solar Energy Solution

This 40kW solar power generation system provides a high-efficiency solution for renewable energy conversion. Designed for reliability, the system integrates high-performance solar panels with an advanced on-grid inverter to convert DC power into usable AC energy. It supports seamless grid interaction, allowing for energy independence and sustainable power management in residential, commercial, or industrial settings.

System Performance

Rated Power Output

40 kW

System Capacity

System Components

System Architecture

On-Grid • Solar PV

Included Components

- High-efficiency solar panels
- On-grid inverter
- AC breaker
- Smart meter

Inverter Capabilities

DC to AC Conversion, Grid Compatibility, Advanced Monitoring, Control Systems

Operation

Grid Interaction

Operation Mode	Description
Import	Buy electricity from the grid when needed
Export	Sell excess solar energy back to the grid