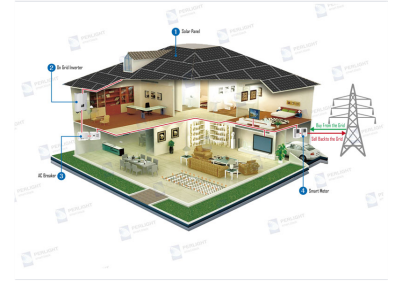


# 40kW Solar Power Generation System

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