

# Off-Grid Solar Home Power System

This solar home system is a small off-grid photovoltaic system suitable for homes or buildings. The systems are easy to use, install, and maintain, making them ideal for areas with frequent power outages.



## ADDITIONAL IMAGES

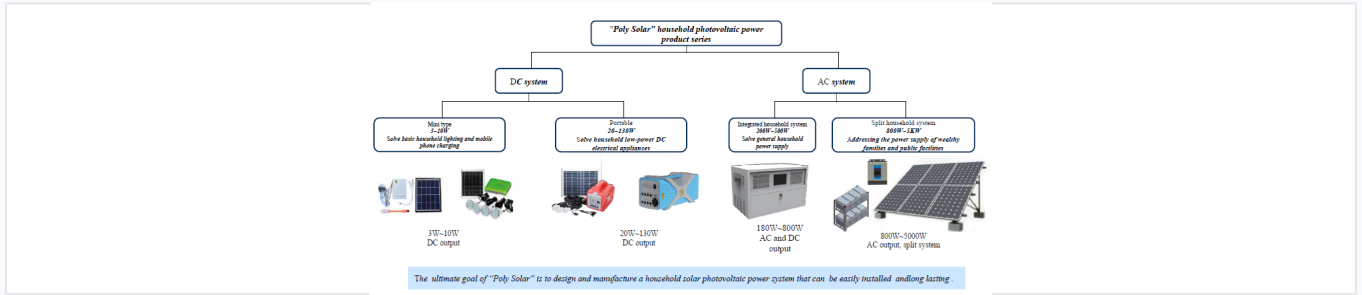


## Product Overview

### Sustainable Off-Grid Power Solution

This off-grid solar home system is designed for reliable electricity in areas without grid access or prone to frequent outages. The system features an efficient solar panel, a power control unit with DC and USB outputs, and dedicated LED lighting. It is engineered for easy installation, simple maintenance, and long-lasting performance for domestic or emergency use.

## System Capabilities



A breakdown of available solar system configurations based on household energy needs.

## System Performance Metrics

**3 W**

Minimum DC Output

**5000 W**

Maximum AC Output

## System Categories

Category	Capacity Range	Application
Mini DC	3-10W	Basic lighting & mobile charging
Portable DC	20-130W	Low-power DC appliances
Integrated	200-500W	General household power
Split System	800W-5kW	High-capacity residential/public

## Technical Features

### Usability

- Easy installation process
- Low maintenance requirements
- Plug-and-play operation
- Battery status indicators

### Primary Components

Solar Panel, Battery Storage, USB Ports, DC Output Ports, LED Lighting, Integrated Radio