

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

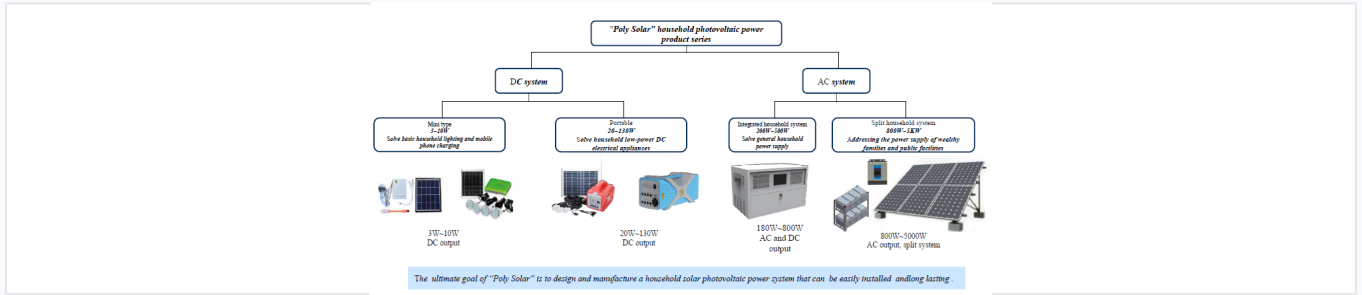


Product Overview

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