

HomePro Kit – User Manual

HomePro Kit Metadata

Model: HP-002

Category: starter_sets

Tags: starter_sets, HP-002, Cirrus, Renewable Energy, HomePro Kit

1. HomePro Kit Overview

Includes high-efficiency panels and smart inverter for maximum savings.

2. HomePro Kit Intended Use

Designed for residential and light commercial renewable-energy applications. Any other use may void the warranty and pose safety risks.

3. HomePro Kit Safety Information

- a. Verify polarity before connecting PV, controller, battery, inverter.
- b. Fuse each source circuit within 200 mm of the positive terminal.
- c. Wear safety glasses and insulated gloves during terminations.

4. HomePro Kit Prerequisites

- a. Read this manual in full before installation.
- b. Ensure local electrical codes and permits are satisfied.
- c. Have the following tools: multimeter, torque wrench, crimping tool, PPE.

5. HomePro Kit Installation Guide

- a. Follow wiring: PV → Controller → Battery → Inverter → Loads.
- b. Mount the controller in a ventilated area below 45 °C ambient.
- c. Size cables for ≤ 3 % voltage drop.

6. HomePro Kit Configuration & Operation

Refer to the controller or inverter interface to set voltage and charging parameters. Adjust based on battery chemistry or site requirements.

7. HomePro Kit Maintenance Schedule

- a. Check screw terminals every 6 months.
- b. Update firmware on smart devices when released.
- c. Clean ventilation grilles to avoid thermal derating.

8. HomePro Kit Troubleshooting

- a. **No Output / Zero Power:** Check PV input voltage; verify connectors.
- b. **Low Power Output:** Inspect for shading, soiling, or loose wiring.



- c. **System Fault Code:** Consult controller/inverter fault table; reset after corrective action.

9. HomePro Kit Technical Specifications

Specification	Value
Power Output	1500W
Voltage	48V
Warranty	5 years

10. Regulatory & Standards

- a. IEC 60364-7-712
- b. NEC 2024 Article 710

11. HomePro Kit Warranty & Support

Warranty: 5 years

For assistance, contact Cirrus support: support@cirrus.com or +1-800-CIRRUS-1.