

Starter Set Pro – User Manual

Starter Set Pro Metadata

Model: SS-PRO-01

Category: starter_sets

Tags: starter_sets, SS-PRO-01, Cirrus, Renewable Energy, Starter Set Pro

1. Starter Set Pro Overview

Everything you need to begin harnessing solar energy, with professional-grade components for durability.

2. Starter Set Pro Intended Use

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

3. Starter Set Pro 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. Starter Set Pro 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. Starter Set Pro 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. Starter Set Pro Configuration & Operation

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

7. Starter Set Pro 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. Starter Set Pro 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. Starter Set Pro Technical Specifications

Specification	Value
Power Output	800W
Voltage	12V/24V
Warranty	2 years
Operating Temperature	-40°C to +85°C
Capacity	200Ah battery included

10. Starter Set Pro Regulatory & Standards

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

11. Starter Set Pro Warranty & Support

Warranty: 2 years

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