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› EGO POWER+ 56V Standard Charger - CH2100 Instruction Manual

EGO Power+ CH2100

EGO POWER+ 56V Standard Charger - CH2100 Instruction Manual

MODEL: CH2100

Brand: EGO Power+

Introduction

This instruction manual provides essential information for the safe and efficient operation, setup, and maintenance of your EGO POWER+ 56V Standard Charger, model CH2100. The EGO POWER+ 56V Charger features an intelligent battery control system that monitors each cell's charge and temperature to deliver maximum battery life. Please read this manual thoroughly before using the charger and retain it for future reference.



Figure 1: EGO POWER+ 56V Standard Charger (Model CH2100)

Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. This charger is designed for use with EGO POWER+ 56V ARC Lithium batteries only. Do not attempt to charge non-rechargeable batteries or batteries from other brands.

- Read all instructions before using the battery charger.
- Do not charge batteries in damp or wet locations.
- Use only EGO POWER+ batteries with this charger.
- Do not expose the charger to rain or snow.
- Never modify the charger in any way.

Setup

Before first use, ensure the charger is placed on a stable, flat surface in a well-ventilated area. Connect the charger to a standard 120V AC power outlet. The charger is designed to be compatible with all EGO POWER+ 56V ARC Lithium batteries.



Figure 2: EGO POWER+ ARC Lithium 56V System showing battery and charger compatibility.

Operating Instructions

- 1. Connecting the Battery:** Align the battery with the charger port and slide it firmly into place until it clicks.
- 2. Charging Process:** Once the battery is connected, the integrated LED charging indicators on the charger will illuminate to show the battery's charge level and status. A fan-cooled system operates during charging to prevent battery overheating.
- 3. Charge Times:**
 - 2.5 Ah battery: Approximately 50 minutes
 - 5.0 Ah battery: Approximately 100 minutes
- 4. Removing the Battery:** Once charging is complete (indicated by a solid green light on the battery and charger), press the battery release button and slide the battery out of the charger.

Your browser does not support the video tag.

Video 1: EGO 56V Rapid Charger - Demonstrates battery insertion and charging indicators. Note: This video shows a rapid charger, but the general principle of battery insertion and indicator lights applies to the standard charger.

Maintenance

To ensure optimal performance and longevity of your EGO POWER+ 56V Standard Charger:

- Keep the charger clean and free of debris. Use a dry cloth to wipe down surfaces.
- Ensure the fan vents are clear to allow for proper cooling during operation.
- Store the charger in a dry, indoor location away from direct sunlight and extreme temperatures.
- Regularly inspect the power cord for any damage. If damaged, have it replaced by a qualified service technician.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging / Charger LED shows solid green with uncharged battery	Defective battery or charger malfunction.	Ensure the battery is properly seated in the charger. Verify the power outlet is functional. Test with a known good battery (if available). If the issue persists, the battery may be defective. Refer to the warranty section for replacement options.

Problem	Possible Cause	Solution
Charger fan not operating	Normal operation (fan only runs when needed) or internal fault.	The fan-cooled system activates based on battery temperature. It may not run continuously. If the battery is hot and the fan does not activate, ensure vents are clear. If the fan never operates during charging of a warm battery, contact customer support.
Charger not powering on	No power to the unit or faulty power cord/charger.	Check the power connection and wall outlet. Inspect the power cord for damage. If all connections are secure and power is present, the charger may be faulty.

Specifications

Feature	Detail
Brand	EGO Power+
Model Number	CH2100
Color	Black
Product Dimensions	9.25"D x 7.28"W x 5.11"H
Item Weight	2.57 Pounds
Output Voltage	56 Volts
Input Voltage	56 Volts
Battery Charge Time	100 minutes (for 5.0 Ah battery)
Current Rating	1.75 Amps
Compatible Devices	Ego Power+ Devices
Connector Type Used on Cable	EGO 56V Battery Connector
Number of Ports	1
Specification Met	UL

Warranty & Support

The EGO POWER+ 56V Standard Charger (CH2100) comes with a**3-year warranty**. For warranty claims, technical support, or service inquiries, please contact EGO Power+ customer service. Keep your proof of purchase for warranty validation.



Figure 3: EGO Power+ 3-Year Warranty Information

For more information, visit the official EGO Power+ store:[EGO Power+ Store](#)