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CUB CADET 725-16485A

CUB CADET 725-16485A 56V LI 350W IPX4 Charger Instruction Manual

Model: 725-16485A

1. Product Overview

This manual provides instructions for the safe and efficient use of the CUB CADET 725-16485A 56V LI 350W IPX4 Charger. This charger is designed specifically for charging 56V Lithium-Ion batteries used with compatible Cub Cadet equipment, such as the CC30E Electric Mini Rider. It is an OEM replacement part, ensuring compatibility and performance.



Figure 1.1: General view of the Cub Cadet 725-16485A Charger. This image shows the overall design and form factor of the charger unit.

2. Important Safety Information

Read and understand all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Warnings

- **Read Instruction Manual:** To reduce the risk of injury, the user must read the complete instruction manual before operation.
- **Lithium-Ion Batteries Only:** Use this charger ONLY with Lithium-Ion batteries. Using it with other battery types may cause them to burst, leading to personal injury and damage.
- **Ride-On Mowers:** This charger is intended for use with ride-on mowers.
- **Electric Shock Hazard:** Do not probe the charger or battery terminals.
- **Damaged Batteries:** Do not attempt to charge damaged batteries.

- **Temperature Restrictions:** Do not charge batteries when the ambient temperature is below 40°F (4°C).
- **Indoor Use:** This charger is rated IPX4, meaning it is resistant to splashing water, but it is primarily designed for indoor use in dry conditions.



Figure 2.1: Rear view of the charger displaying important safety warnings and product information labels. Users should familiarize themselves with these warnings before operation.

3. Setup

3.1 Unpacking

1. Carefully remove the charger from its packaging.
2. Retain the packaging for future storage or shipping.

3.2 Initial Inspection

1. Inspect the charger for any signs of damage during transit. Do not use if damaged.
2. Ensure all components, including the power cord and charging cable, are intact.

3.3 Connecting the Charger

1. Place the charger on a stable, dry, and well-ventilated surface.
2. Plug the charger's power cord into a standard 120V AC electrical outlet.
3. Connect the charging cable from the charger to the battery port on your Cub Cadet CC30E Electric Mini Rider. Ensure a secure connection.



Figure 3.1: Close-up view of the charger's output cable and connector. This illustrates the specific connector type used to interface with the battery.

4. Operating Instructions

4.1 Charging Procedure

1. Ensure the charger is properly connected to both the power outlet and the battery as described in the Setup section.
2. The charger will automatically begin the charging process.
3. Monitor the indicator lights on the charger to determine the charging status.
4. Once charging is complete, disconnect the charging cable from the battery, then unplug the charger from the power outlet.

4.2 Charger Indicator Lights

The charger features indicator lights to communicate its status. Refer to the diagram below for interpretation.



Figure 4.1: Top view of the charger showing the status indicator panel. These lights provide visual feedback on the charging process and any potential issues.

- **Green Light (Solid):** Battery fully charged.
- **Green Light (Flashing):** Battery is currently charging.
- **Red Light (Solid):** Error or fault detected. Refer to the Troubleshooting section.
- **No Light:** Charger is not connected to power, or battery is not connected.

5. Maintenance

5.1 Cleaning

- Always disconnect the charger from the power outlet before cleaning.
- Use a soft, dry cloth to wipe down the exterior of the charger.
- Do not use abrasive cleaners, solvents, or immerse the charger in water.
- Keep the ventilation openings clear of dust and debris.

5.2 Storage

- Store the charger in a cool, dry place, away from direct sunlight and moisture.
- Keep the charger out of reach of children.
- Ensure cables are not kinked or damaged during storage.

6. Troubleshooting

If you encounter issues with your charger, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Charger indicator lights do not illuminate.	No power to the charger or charger not connected to battery.	Ensure the charger is securely plugged into a working electrical outlet. Verify the charging cable is firmly connected to the battery.
Red indicator light is solid.	Battery error, charger fault, or battery temperature outside operating range.	Disconnect and reconnect the battery. Ensure the battery is not damaged. Move the battery and charger to an environment within the recommended charging temperature (above 40°F / 4°C). If the issue persists, contact customer support.
Battery does not charge.	Faulty battery, damaged charger, or incorrect connection.	Verify all connections are secure. Check the battery for visible damage. If possible, test with a known good battery or charger. Contact customer support if the problem continues.

7. Specifications

The following are the technical specifications for the CUB CADET 725-16485A Charger:

Feature	Detail
Model Number	725-16485A (Replaces 725-16485)
Input Voltage	56V LI
Output Power	350W
IP Rating	IPX4
Product Dimensions	15 x 5 x 5 inches
Item Weight	3.8 pounds
Manufacturer	CUB CADET
Compatibility	Cub Cadet CC30E Electric Mini Rider

8. Warranty and Support

This CUB CADET charger is manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your original product purchase or visit the official Cub Cadet website. If you require technical assistance or have questions not covered in this manual, please contact Cub Cadet customer support.

Cub Cadet Official Website: www.cubcadet.com

When contacting support, please have your product model number (725-16485A) and purchase information readily available.

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