

Origin Battery OR-12120F2 (for Phantom S35001/S35002)

Origin Battery Replacement Kit for Drive Medical Phantom S35001/S35002 Scooters

Model: OR-12120F2 | Brand: Origin Battery

1. PRODUCT OVERVIEW

This instruction manual provides essential information for the installation, operation, and maintenance of your Origin Battery replacement kit for the Drive Medical Phantom S35001 and S35002 mobility scooters. The kit includes two (2) OR-12120F2 12V 12AH Sealed Lead Acid (SLA) batteries, designed to meet or exceed the original equipment manufacturer (OEM) specifications for your scooter. These batteries are fully charged and ready for immediate installation upon receipt.



This image displays two black sealed lead acid batteries, model OR-12120F2, from Origin Battery. Each battery features the Origin Battery logo and specifications printed on its side, indicating 12V 12AH. These batteries are designed for use in mobility scooters.

2. SPECIFICATIONS

Feature	Detail
Battery Model	OR-12120F2
Quantity	2 batteries per kit
Voltage	12 Volts (each battery)
Capacity	12 Amp Hours (each battery)

Battery Cell Composition	Sealed Lead Acid (SLA)
Dimensions (L x W x H)	5.94" x 3.86" x 4.06" (per battery)
Terminal Type	F2
Recommended Use	Mobility Scooters (Drive Medical Phantom S35001/S35002)
Transport Approval	Approved for transport by air (DOT, IATA, FAA, CAB certified)

3. INSTALLATION INSTRUCTIONS

Safety Precautions:

- Always wear appropriate personal protective equipment, including safety glasses and gloves, when handling batteries.
- Ensure the mobility scooter is turned off and disconnected from any power source before beginning installation.
- Avoid short-circuiting battery terminals with tools or other metal objects.
- Refer to your scooter's original manual for specific battery compartment access and removal procedures.

Step-by-Step Replacement:

1. **Access Battery Compartment:** Locate and open the battery compartment on your Drive Medical Phantom S35001/S35002 scooter. This typically involves removing a cover or seat.
2. **Disconnect Old Batteries:** Carefully disconnect the cables from the old batteries. Always disconnect the negative (black) terminal first, followed by the positive (red) terminal. Note the wiring configuration for correct re-connection.
3. **Remove Old Batteries:** Lift out the depleted batteries from the compartment. Be mindful of their weight.
4. **Insert New Batteries:** Place the new Origin Battery OR-12120F2 batteries into the compartment, ensuring they are oriented correctly according to the original setup.
5. **Connect New Batteries:** Reconnect the cables to the new batteries. Connect the positive (red) terminal first, then the negative (black) terminal. Ensure all connections are secure and tight.
6. **Secure Compartment:** Close and secure the battery compartment cover.
7. **Initial Check:** Turn on the scooter and perform a brief function check to ensure proper operation.

4. OPERATION

Your new Origin Battery OR-12120F2 batteries are shipped fully charged and ready for immediate use. For optimal performance and longevity, it is recommended to fully charge the batteries after the first few uses and regularly thereafter.

- **Charging:** Always use the charger specifically designed for your Drive Medical Phantom scooter. Follow the scooter manufacturer's charging instructions.
- **Discharge:** Avoid deep discharges. It is best to recharge the batteries when they reach approximately 50% capacity.
- **Temperature:** Operate the scooter and charge batteries within recommended temperature ranges (typically 0°C to 40°C or 32°F to 104°F) to prevent damage and ensure efficiency.

5. MAINTENANCE

Proper maintenance will extend the life of your SLA batteries.

- **Regular Charging:** Charge batteries regularly, even if the scooter is not in frequent use. For prolonged storage, charge batteries every 2-3 months.

- **Clean Terminals:** Periodically inspect battery terminals for corrosion. If corrosion is present, clean with a wire brush and a mixture of baking soda and water. Ensure terminals are dry before reconnecting.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Ensure they are fully charged before storing for extended periods.
- **Avoid Overcharging/Undercharging:** Use a smart charger that prevents overcharging. Avoid leaving batteries in a discharged state for long periods.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your batteries.

Problem	Possible Cause	Solution
Scooter not powering on	Loose battery connections, fully discharged batteries, faulty charger.	Check all battery connections for tightness. Ensure batteries are fully charged. Test charger functionality.
Reduced operating time	Batteries not fully charged, aging batteries, environmental factors (cold weather).	Ensure batteries are fully charged before use. If batteries are old, consider replacement. Operate in moderate temperatures.
Charger indicator light not working	Charger not plugged in, faulty charger, battery issue.	Verify charger is properly plugged into both wall and scooter. Consult scooter manual for charger troubleshooting.

If issues persist after attempting these solutions, please contact Origin Battery customer support or a qualified service technician.

7. WARRANTY INFORMATION

Origin Battery provides a **one-year warranty** on this battery replacement kit from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, neglect, improper installation, or unauthorized modifications.

For warranty claims or further details, please retain your proof of purchase and contact Origin Battery customer support.

8. SUPPORT AND CONTACT

For technical assistance, troubleshooting, or warranty inquiries regarding your Origin Battery replacement kit, please contact the manufacturer:

Origin Battery

Please refer to the contact information provided on your product packaging or the official Origin Battery website for the most current support details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question