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› [FUTABA LBC-34D\(P\) LiFe Battery Charger for Transmitters User Manual](#)

FUTABA LBC-34D

FUTABA LBC-34D(P) LiFe Battery Charger for Transmitters

MODEL: LBC-34D

Brand: FUTABA

1. Introduction

This manual provides essential information for the safe and effective use of the FUTABA LBC-34D(P) LiFe Battery Charger. This charger is specifically designed for LiFe (Lithium Iron Phosphate) batteries used in compatible FUTABA radio control transmitters. Please read this manual thoroughly before use to ensure proper operation and to prevent damage to the charger or battery.



Image: The FUTABA LBC-34D(P) LiFe Battery Charger. This image shows the compact design of the charger, typically featuring input and output ports.

2. Safety Information

Warning: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or property.

- Use this charger **only** with the designated LiFe transmitter batteries. Using it with other battery types (e.g., LiPo, NiMH, NiCd) can cause severe damage, fire, or explosion.
- Do not attempt to charge damaged or swollen batteries.
- Always supervise the charging process. Do not leave batteries unattended while charging.
- Keep the charger away from water, moisture, and flammable materials.
- Do not short-circuit the charger's output terminals or the battery terminals.
- Do not modify, disassemble, or attempt to repair the charger. Refer all servicing to qualified personnel.
- Ensure proper ventilation during charging.
- Keep out of reach of children.

3. Package Contents

- FUTABA LBC-34D(P) LiFe Battery Charger Main Unit

4. Setup

Follow these steps to set up your LBC-34D(P) charger:

1. **Connect to Power Source:** Connect the charger's input cable to a stable 12V DC power source. Ensure the power source can provide sufficient current for charging.
2. **Connect Battery:** Carefully connect your compatible LiFe transmitter battery to the charger's output port. Ensure the polarity is correct. The charger is designed for a 7.2V output.
3. **Verify Connection:** Double-check all connections to ensure they are secure before proceeding.

5. Operating Instructions

Once the charger is connected to a power source and the battery is attached:

- The charger will automatically begin the charging process.
- Observe any indicator lights on the charger (if present) to monitor the charging status. Typically, a light may change color or turn off when charging is complete. Refer to the specific indicator behavior for your charger model.
- Once charging is complete, disconnect the battery from the charger, then disconnect the charger from the power source.

6. Compatibility

The FUTABA LBC-34D(P) LiFe Battery Charger is compatible with LiFe batteries used in the following FUTABA transmitter models:

CAR Series Transmitters:

- 10PX
- 7PXR
- 7PX
- 7XC
- 4PXR
- 4PX
- 4PKS
- 4PK
- 4PM
- 4PV
- 4GRS
- 3PV

AIR Series Transmitters:

- 18SZ
- 16SZ
- 14SG
- 12K
- 10J
- 8J
- 6J

- 6K

7. Specifications

Brand	Futaba Denshi
Model Number	LBC-34D(P)
Product Dimensions	10 x 8 x 2 cm
Product Weight	95 g
Material	Plastic
Input Voltage	12 V
Output Voltage	7.2 V
Included Components	Main Unit

8. Maintenance

To ensure the longevity and proper functioning of your LBC-34D(P) charger:

- **Cleaning:** Disconnect the charger from all power sources and batteries before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the charger and its cables for any signs of damage, such as frayed wires or cracked casing. Do not use if damaged.

9. Troubleshooting

If you encounter issues with your charger, consider the following:

- **Charger Not Powering On:** Ensure the 12V DC power source is functioning correctly and the input cable is securely connected.
- **Battery Not Charging:**
 - Verify that the battery is a compatible LiFe type.
 - Check that the battery is correctly connected to the charger with proper polarity.
 - Inspect the battery for any visible damage. Do not attempt to charge damaged batteries.
- **Unusual Heat or Smell:** Immediately disconnect the charger from the power source and battery. Do not use the charger or battery if you notice excessive heat, smoke, or an unusual smell.

If problems persist after checking these points, contact customer support for assistance.

10. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or visit the official FUTABA website. For technical support or inquiries, please contact your retailer or the manufacturer's customer service department.

