

Fulbat FB-750515

Fulbat Fulload F4 Battery Charger/Maintainer User Manual

MODEL: FB-750515

1. Safety Warnings

Please read and understand all safety warnings and instructions before using the Fulbat Fulload F4 battery charger. Failure to follow these instructions may result in electric shock, fire, or serious injury.



This image displays various safety symbols. From top left to bottom right, they indicate: general caution (yellow triangle with exclamation mark), no open flames or sparks (red circle with crossed-out match), wear eye protection (blue circle with goggles), dispose of properly (crossed-out wheeled bin with Pb for lead), recycle symbol (green arrows forming a triangle), explosion hazard (yellow triangle with bursting star), keep children away (red circle with crossed-out figures), read the instruction manual (blue circle with person reading a book), and battery recycling information.

- **Eye Protection:** Always wear appropriate eye protection when working with batteries.
- **Ventilation:** Ensure adequate ventilation during charging to prevent the buildup of explosive gases.
- **No Sparks/Flames:** Do not smoke or allow sparks or flames in the vicinity of the battery or charger.
- **Children:** Keep the charger and battery out of reach of children.
- **Read Manual:** Always refer to the complete instruction manual for detailed safety guidelines.
- **Disposal:** Dispose of batteries and the charger responsibly according to local regulations.

2. Product Overview

The Fulbat Fulload F4 is a smart battery charger and maintainer designed for 6V and 12V lead-acid (GEL, AGM, Wet) and Lithium (LiFePO4) batteries with capacities ranging from 2AH to 80AH. It features multiple charging modes, including normal, lithium, and repair, ensuring optimal battery health and longevity.



This image shows the Fulbat Fulload F4 smart battery charger. The main unit is black and green, displaying 'FULBAT FULLOAD F4' and 'SMART BATTERY CHARGER & MAINTAINER'. It has indicators for 6V, 12V, Lithium, and Repair modes, along with battery charge percentage. Attached are red and black battery clamps and ring terminals for connection.

The charger automatically detects the battery voltage and type (once selected) and applies the appropriate charging algorithm. Its compact design makes it ideal for various applications, including motorcycles, ATVs, lawnmowers, and other vehicles with compatible batteries.

3. Setup

- 1. Prepare the Battery:** Ensure the battery terminals are clean and free of corrosion. If necessary, clean them with a wire brush.
- 2. Connect to Battery:**
 - Connect the red (+) clamp/ring terminal to the positive (+) battery terminal.
 - Connect the black (-) clamp/ring terminal to the negative (-) battery terminal.
 - Ensure connections are secure.
- 3. Connect to Power:** Plug the AC power cord of the charger into a suitable electrical outlet.
- 4. Select Mode:** Press the 'MODE' button on the charger to select the appropriate charging mode for your battery (6V, 12V, Lithium, or Repair). The corresponding LED will illuminate.

4. Operating Instructions

Once connected and the mode is selected, the charger will begin the charging process automatically. The charging status is indicated by the LEDs on the unit.

- Charging Indication:** The percentage LEDs (25%, 50%, 75%, 100%) will light up sequentially to indicate the battery's charge level.
- Fully Charged:** When the battery is fully charged, the 100% LED will remain solid. The charger will then switch to maintenance mode to prevent overcharging.
- Maintenance Mode:** In maintenance mode, the charger provides a small current to keep the battery

at optimal charge, making it suitable for long-term connection.

- **Repair Mode:** For deeply discharged or sulfated lead-acid batteries, select the 'Repair' mode. This mode attempts to recover the battery, but success is not guaranteed for severely damaged batteries.

To disconnect, first unplug the charger from the AC outlet, then disconnect the black (-) clamp/terminal, followed by the red (+) clamp/terminal from the battery.

5. Maintenance

- **Cleaning:** Clean the charger casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Cable Inspection:** Regularly inspect the charging cables and connectors for any signs of damage, fraying, or corrosion. Replace if damaged.
- **Storage:** Store the charger in a cool, dry place when not in use. Keep it away from direct sunlight, moisture, and extreme temperatures.
- **Battery Care:** Ensure battery terminals are clean before connecting the charger.

6. Troubleshooting

Problem	Possible Cause	Solution
Charger not turning on.	No power from outlet; faulty connection.	Check power outlet; ensure AC cord is securely plugged in.
Charger not charging battery.	Incorrect mode selected; poor battery connection; battery severely damaged.	Verify correct mode; check battery terminal connections; battery may need replacement.
Error indicator lights up.	Reverse polarity; short circuit; battery fault.	Disconnect and re-connect correctly; check for short circuits; battery may be faulty.

If the problem persists after attempting these solutions, please contact Fulbat customer support.

7. Specifications

- **Model Number:** FB-750515
- **Input Voltage:** 220-240V AC, 50/60Hz
- **Output Voltage:** 6V / 12V DC
- **Charging Current:** 2A / 4A (selectable)
- **Battery Types:** Lead-Acid (GEL, AGM, Wet), Lithium (LiFePO4)
- **Battery Capacity:** 2AH - 80AH
- **ASIN:** B09KTKGSTK
- **Country of Origin:** France

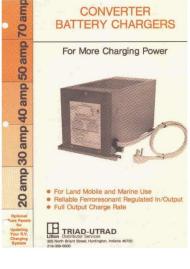
8. Warranty and Support

This Fulbat product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Fulbat website. For technical support, troubleshooting assistance, or warranty claims, please contact Fulbat customer service through their official channels.

Online Resources: For additional information and support, please visit the [Fulbat Store on Amazon](#).

© 2023 Fulbat. All rights reserved.

Related Documents - FB-750515

	<p>FULBAT Maintenance-Free Battery Operation and Maintenance Manual</p> <p>This FULBAT user manual provides essential information on the operation, maintenance, safety, and disposal of factory-activated, sealed, maintenance-free lead-acid batteries for vehicles.</p>
	<p>FORIOUS Widespread Bathroom Faucet Installation Guide</p> <p>Comprehensive installation and maintenance guide for FORIOUS widespread bathroom faucets, detailing parts, specifications, step-by-step assembly, and care instructions.</p>
	<p>iJOY BLASTER Wireless Speaker User Manual and Instructions</p> <p>Comprehensive user manual for the iJOY BLASTER wireless Bluetooth speaker, covering specifications, instructions, safety information, warranty, and FCC compliance.</p>
	<p>Triad-Utrad Converter Battery Chargers: Enhance Your RV's Charging Power</p> <p>Discover the features and benefits of Triad-Utrad Converter Battery Chargers, designed for reliable power and efficient battery charging in land mobile and marine applications. Learn about their robust design, voltage regulation, and various models.</p>
	<p>Tala The Muse Portable Lamp User Guide: Setup, Charging, and Care</p> <p>A comprehensive guide to setting up, charging, and maintaining your Tala The Muse portable lamp. Learn about its features, specifications, and warranty.</p>
	<p>FB-B39 Wireless Headphones User Manual</p> <p>Instructions and specifications for the FB-B39 Wireless Headphones, including charging, pairing, and AUX playback. Covers Bluetooth 5.0, 200 mAh battery, and 4-5 hours of music time.</p>

