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› EF ECOFLOW DELTA Pro Extra Battery User Manual

EF ECOFLOW EFD500-EB

EF ECOFLOW DELTA Pro Extra Battery User Manual

Model: EFD500-EB | Brand: EF ECOFLOW

1. INTRODUCTION

The EF ECOFLOW DELTA Pro Extra Battery is designed to expand the capacity of your DELTA Pro portable power station, providing extended power backup for various applications, including home use, blackouts, camping, and RV adventures. This manual provides essential information for the safe and efficient operation and maintenance of your extra battery.



Image 1: The EF ECOFLOW DELTA Pro Extra Battery unit.

With an additional battery, the DELTA Pro system's capacity can be expanded from 3.6kWh to 7.2kWh, offering days of power for essential appliances. The extra battery integrates seamlessly with the DELTA Pro, utilizing its charging methods, including 6500W MultiCharge, ensuring synchronized charging and discharging to maintain consistent battery levels across both units.

2. WHAT'S IN THE BOX

Upon unboxing your EF ECOFLOW DELTA Pro Extra Battery, please verify that all the following components are included:

- DELTA Pro Extra Battery Unit
- Extra Battery Connection Cable
- Hand Cover
- User Manual (this document)

WHAT'S IN THE BOX



Image 2: Included components: Extra Battery, Connection Cable, Hand Cover, and User Manual.

3. SETUP

3.1 Initial Placement and Handling

The DELTA Pro Extra Battery is a substantial unit. It is equipped with a sturdy pull handle and double wheels for ease of movement. When unboxing, it is recommended to have assistance due to its weight (approximately 105 pounds).



Image 3: The DELTA Pro Extra Battery features a retractable handle and wheels for portability.

3.2 Connecting to DELTA Pro

To expand the capacity of your DELTA Pro, connect the Extra Battery using the provided connection cable. Ensure both units are powered off before connecting. Once connected, they will communicate and synchronize their charge/discharge cycles.



Image 4: DELTA Pro connected to an Extra Battery, expanding total capacity.

3.3 Initial Charge

It is recommended to fully charge the DELTA Pro system (including the connected Extra Battery) before first use, especially if it has been stored for an extended period. The unit typically arrives with a partial charge (e.g., 31%).

4. OPERATING THE DELTA PRO EXTRA BATTERY

4.1 Power Expansion

The primary function of the Extra Battery is to double the power capacity of your DELTA Pro. A single Extra Battery expands the system to 7.2kWh, and with two, it can reach 10.8kWh. This allows for extended runtimes for your devices.

Expandable Capacity From 3.6kWh To 10.8kWh

Deliver up to 25kWh capacity



Image 5: Visual representation of capacity expansion with Extra Batteries.

4.2 Charging Methods

When connected to the DELTA Pro, the Extra Battery benefits from all the charging methods available to the main unit, including AC wall outlets, EV charging stations, solar panels, and the EcoFlow Smart Generator. The system intelligently manages power distribution.

X-TREAM Charging

AC Recharge 0-80% in 2H



Image 6: Various charging options for the DELTA Pro system with Extra Battery.

4.3 Smart Control via EcoFlow App

Monitor and control your DELTA Pro Extra Battery remotely using the EcoFlow app. The app provides real-time information on output, input, remaining charge, and estimated time remaining. It also allows for smart control features.

Monitor And Control Via Smart App

APP Control



Wi-Fi



Bluetooth



Download the EcoFlow APP



Available on
App Store



Get it on
Google Play

Image 7: The EcoFlow app provides comprehensive monitoring and control.

4.4 Usage Scenarios and Run Times

The expanded capacity of the DELTA Pro system with the Extra Battery supports a wide range of devices and applications. Below are examples of typical run times for common appliances:



RV & Outdoor Use: Powering devices like phones (313 times), cameras (270 times), drones (86 times), projectors (43 hours), and car fridges (57 hours). Ideal for extended camping or RV trips.



Home Backup: Keeping essential home appliances running during power outages, such as lights (108 hours), refrigerators (24-48 hours), microwaves (2.5 hours), air conditioners (1.8 hours), and hair dryers (2 hours).



Professional & Commercial: Powering tools and equipment for mobile businesses or remote work, including electric kettles (2.2 hours), blenders (6.5 hours), and fry pans (2.2 hours).



Workshop & Remote Work: Providing power for electric drills (3 hours), cutting machines (3 hours), electric hammers (2.6 hours), circular saws (2.3 hours), and charging laptops (57 charges).

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your DELTA Pro Extra Battery.

- **Cleaning:** Regularly wipe down the exterior with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Ensure it is charged to approximately 50-80% before storage.
- **Port Protection:** Consider using dust and water-resistant covers for USB and AC outlets to protect them from environmental elements, especially in dusty or humid conditions.
- **Battery Health:** For optimal battery health, avoid fully discharging the unit frequently. Recharge it when the charge level drops significantly.

6. TROUBLESHOOTING

If you encounter issues with your DELTA Pro Extra Battery, refer to the official user manual (PDF) for detailed troubleshooting steps. Common issues may include:

- Unit not powering on
- Charging issues (slow or no charge)
- Connection problems with the DELTA Pro
- Abnormal display readings

For complex problems or issues not covered in the manual, please contact EF ECOFLOW customer support.

7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	EF ECOFLOW
Model Name	EFD500-EB
Wattage	3600 watts
Power Source	Battery Powered
Item Weight	105 Pounds
Product Dimensions	25"L x 11.2"W x 16.4"H
Color	Black, Grey
Special Feature	Plug&Play home backup solution, clean and safe power, long-lasting LFP battery
Runtime	24 hours (approximate, depends on load)

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official EF ECOFLOW resources.

- **User Manual (PDF):** A comprehensive PDF version of the user manual is available for download.[Download User Manual](#)
- **Customer Support:** EF ECOFLOW offers dedicated customer support for product inquiries, technical assistance, and warranty claims. Refer to the official website or included documentation for contact details.
- **Protection Plans:** Additional protection plans may be available for purchase to extend coverage beyond the standard warranty.

Please note that transportation of this item is subject to hazardous materials regulation, and it may be non-returnable in some cases. Always check the seller's return policy.