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EF ECOFLOW EFD330-EB

EF ECOFLOW Delta 2 Smart Extra Battery User Manual

Model: EFD330-EB

1. PRODUCT OVERVIEW

The EF ECOFLOW Delta 2 Smart Extra Battery is designed to expand the capacity of your DELTA 2 power station, providing additional power for various applications, from home backup to outdoor use. This extra battery features LiFePO4 chemistry for extended lifespan and offers flexible charging options.



Figure 1.1: The EF ECOFLOW Delta 2 Smart Extra Battery unit. This image shows the front and side view of the black and grey battery unit, featuring an LCD display and a power button.

Key Features:

- **Extra Battery Capacity:** Expands DELTA 2 capacity to 2048Wh, suitable for home backup and outdoor activities.
- **Long Lifespan:** Utilizes LFP (LiFePO₄) battery chemistry, offering over 3000 cycles to 80% capacity.
- **Versatile Charging:** Supports fast charging via AC outlets, car outlets, solar panels, and Smart Generator. Achieves 0-80% charge in approximately 80 minutes when paired with DELTA 2.
- **High Power Output:** When paired with DELTA 2, provides 1800W output and 15 outlets, capable of powering 90% of home appliances.
- **Monitoring and Control:** Features an onboard LCD screen and compatibility with the EcoFlow app for checking

charge status, remaining hours, and other essential data.

DOUBLE THE POWER

Increase energy storage to **2kWh**
with an Extra Battery



Figure 1.2: The DELTA 2 power station connected to the Smart Extra Battery. This image illustrates how the extra battery connects to the main unit to double the energy storage, shown outdoors on a picnic table with a kettle and other items.

POWER PRETTY MUCH ANYTHING

With a **1800W** output and & **15 outlets** when paired with DELTA 2, you can power 90% of appliances.



Figure 1.3: The DELTA 2 and Extra Battery setup powering various appliances. This image shows the stacked power station and extra battery unit powering a speaker and other devices in an outdoor setting, demonstrating its versatility.

2. SETUP INSTRUCTIONS

This section outlines the basic steps for setting up your EF ECOFLOW Delta 2 Smart Extra Battery. For detailed instructions on the main DELTA 2 power station, please refer to its dedicated user manual.

1. **Unpacking:** Carefully remove the Delta 2 Smart Extra Battery from its packaging. Retain all packaging materials for future transport or storage.

2. **Placement:** Place the extra battery on a stable, flat surface. Ensure adequate ventilation around the unit.
3. **Connecting to DELTA 2:** Locate the extra battery port on your DELTA 2 power station and the corresponding cable from the extra battery. Connect the two units securely using the provided cable. Ensure the connection is firm to prevent accidental disconnection.
4. **Initial Charge:** It is recommended to fully charge both the DELTA 2 and the extra battery before first use. Connect the DELTA 2 to an AC power source, solar panels, or a car charger. The extra battery will charge simultaneously with the main unit.

80% IN 80 MINS

Charge DELTA 2 and its Extra Battery from 0-80% in only 80 minutes.



1200W
FAST CHARGING

OTHER
WAYS



Solar



Smart Generator



Car

Figure 2.1: The DELTA 2 and Extra Battery charging from an AC outlet. This image shows the two units connected and an AC cable plugged into a wall outlet, illustrating the fast charging capability.

3. OPERATING INSTRUCTIONS

Once connected, the Smart Extra Battery seamlessly integrates with your DELTA 2 power station, providing extended power capacity. Operation is primarily managed through the DELTA 2 unit.

3.1. Powering On/Off

- The extra battery powers on and off automatically with the DELTA 2 power station. Ensure the DELTA 2 is turned on to utilize the extra battery's capacity.

3.2. Monitoring Battery Status

You can monitor the combined battery status and power flow through two primary methods:

- **Onboard LCD Screen:** The DELTA 2's LCD screen displays real-time information including remaining charge percentage, input power, output power, and estimated remaining charge/discharge time.
- **EcoFlow App:** Download and connect to the EcoFlow app via Bluetooth or Wi-Fi for comprehensive monitoring and control. The app provides detailed insights into battery health, charging status, and allows for remote management of settings.

TAKE CONTROL

Easily monitor DELTA 2 Extra Battery using the EcoFlow app or on the LCD screen.



Figure 3.1: Monitoring the DELTA 2 and Extra Battery using the EcoFlow app on a smartphone. This image shows a hand holding a smartphone displaying the EcoFlow app interface, which provides real-time data on charging and power usage.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your EF ECOFLOW Delta 2 Smart Extra Battery.

- **Regular Charging:** For optimal battery health, avoid completely draining the battery frequently. Recharge the unit

regularly, especially if it will be stored for an extended period.

- **Storage:** If storing the battery for a long time, ensure it is charged to approximately 50-80% and store it in a cool, dry place away from direct sunlight and extreme temperatures. Recharge every 3-6 months to prevent deep discharge.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the battery. Do not use liquid cleaners or immerse the unit in water. Ensure all ports are free from dust and debris.
- **Temperature:** Operate and store the battery within the recommended temperature ranges specified in the specifications section to prevent damage and ensure safety.

TAKE IT ANYWHERE

Comfortable handles and a **27 lbs** body make it easy to move.



Figure 4.1: The DELTA 2 Smart Extra Battery being carried by its handles. This image highlights the portability of the unit, showing a person easily transporting it, emphasizing its robust design and integrated handles.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your EF ECOFLOW Delta 2 Smart Extra Battery. For more complex problems, refer to the DELTA 2 power station manual or contact customer support.

Problem	Possible Cause	Solution
Extra Battery not recognized by DELTA 2	Loose cable connection; DELTA 2 firmware outdated.	Ensure the connection cable between the DELTA 2 and the extra battery is securely plugged in at both ends. Check for firmware updates for your DELTA 2 via the EcoFlow app.
Battery not charging	Charging cable issue; power source problem; battery temperature too high/low.	Verify the charging cable is properly connected to the DELTA 2 and the power source. Ensure the power source is active. Move the unit to an environment within the recommended charging temperature range (0°C to 45°C).
Unusual noise or smell	Internal malfunction.	Immediately disconnect the extra battery from the DELTA 2 and any power source. Do not attempt to open or repair the unit. Contact EF ECOFLOW customer support.

6. SPECIFICATIONS

Detailed technical specifications for the EF ECOFLOW Delta 2 Smart Extra Battery.

Specification	Value
Brand	EF ECOFLOW
Model Number	EFD330-EB
Item Weight	24.7 pounds (approx. 11.2 kg)
Product Dimensions	8 x 10.98 x 15 inches (approx. 20.3 x 27.9 x 38.1 cm)
Color	Black
Style	DELTA 2 Smart Extra Battery
Material	Plastic
Power Source	Solar Powered, Battery Powered, Electricity Powered (via DELTA 2)
Voltage	110 Volts (input/output via DELTA 2)
Wattage	1024 watts (capacity)
Item Package Quantity	1
Number of Handles	2
Special Features	Fast charging
Usage	Solar Generator (expansion)
Included Components	LFP Battery (LiFePO4)
Battery Cell Type	Lithium Polymer (LiFePO4)
Recommended Uses	Camping, Residential

7. WARRANTY AND SUPPORT

The EF ECOFLOW Delta 2 Smart Extra Battery comes with a comprehensive warranty and dedicated customer support.

- **Warranty:** This product is covered by a **5-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.
- **Customer Support:** For technical assistance, troubleshooting, or warranty inquiries, please visit the official EF ECOFLOW website or contact their customer service department. Refer to the contact information provided in your product packaging or on the official website.