

Manuals.plus /

- › EF ECOFLOW /
- › EF ECOFLOW DELTA Pro Ultra X Extra Battery User Manual

EF ECOFLOW EFYJ751-BP

EF ECOFLOW DELTA Pro Ultra X Extra Battery User Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your EF ECOFLOW DELTA Pro Ultra X Extra Battery. This extra battery unit is designed to expand the capacity of your DELTA Pro Ultra X power station, offering increased energy storage for home backup, emergency situations, and off-grid power needs. It features a plug-and-play design for easy integration and utilizes advanced LiFePO4 battery technology for durability and safety.



Image 1.1: The DELTA Pro Ultra X system with multiple extra batteries, demonstrating its expandable capacity from 12kWh to 180kWh.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this product. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage.

- Do not disassemble, repair, or modify the battery unit.

- Keep the product away from water, heat sources, and direct sunlight.
- Use only the specified connection cables and accessories provided by EF ECOFLOW.
- Ensure proper ventilation during use and charging.
- Store the battery in a cool, dry place, away from flammable materials.
- In case of fire, use a dry powder fire extinguisher.

Integrated Safety Features

The DELTA Pro Ultra X Extra Battery incorporates multiple safety mechanisms:

- **EV-Grade LFP Cells:** Utilizes high-quality Lithium Iron Phosphate cells for enhanced safety and longevity.
- **Dual BMS Protection:** Features both local and cloud-based Battery Management Systems for comprehensive monitoring and protection against overcharge, over-discharge, extreme temperatures, and short circuits.
- **3-Level System Safety Architecture:** Includes power protection, connection monitoring, and load isolation for robust electrical security.
- **Smart Extreme-Weather Protection:** Designed to operate safely in various environmental conditions, heating batteries in extreme cold for optimal performance.

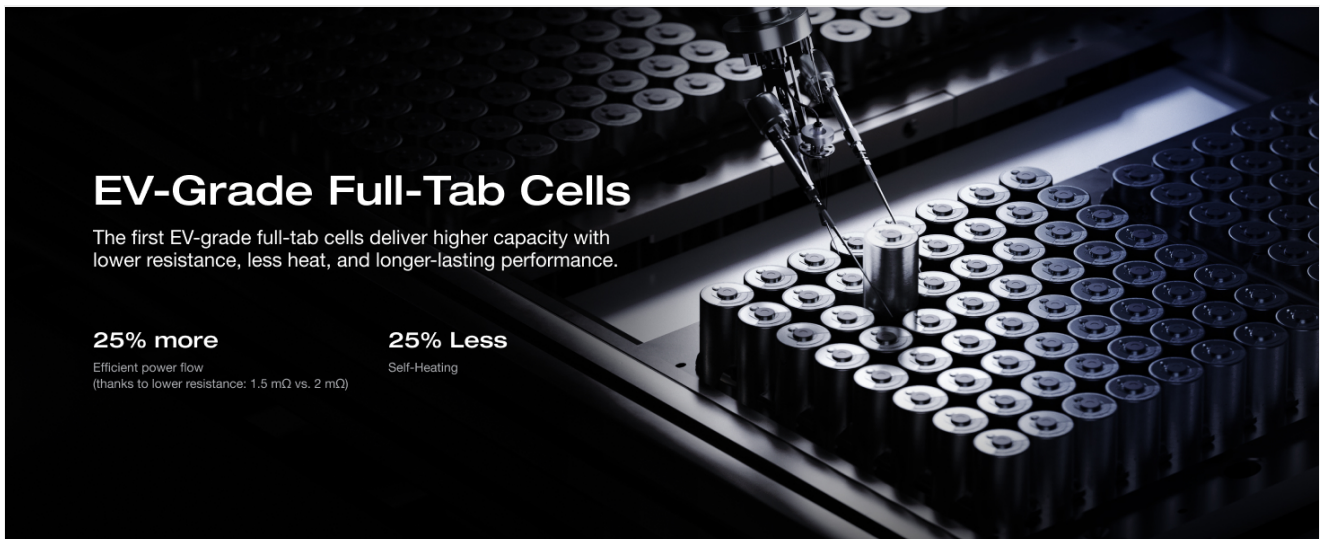


Image 2.1: Visual representation of the Dual BMS Protection system, highlighting local and cloud-based monitoring.

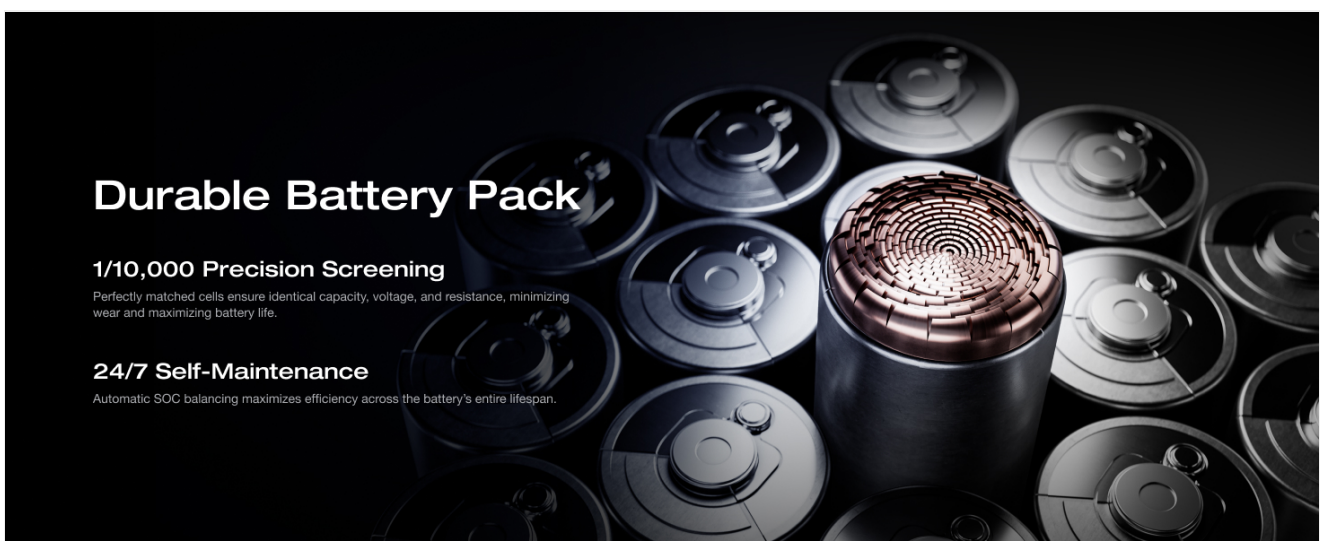


Image 2.2: An illustration detailing the 3-Level System Safety Architecture, including power protection, connection monitoring, and load isolation.

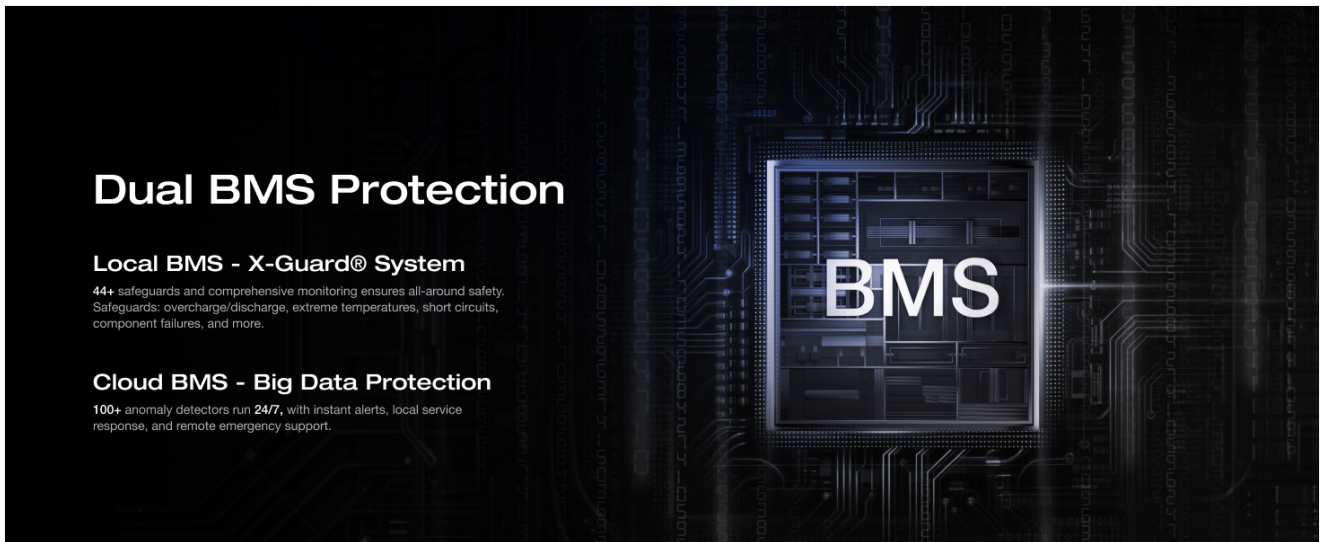


Image 2.3: The battery unit shown with smart extreme-weather protection, indicating its ability to function in diverse temperatures.

3. WHAT'S IN THE BOX

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

- EcoFlow Smart Extra Battery (DELTA Pro Ultra X) (x1)
- EcoFlow Battery Connection Cable (0.65ft) (x1)

Get Through Any Outage

12-180kWh Capacity-Power That Lasts



Start with 12kWh. Scale instantly to 180kWh With up to 30 plug-in expansion batteries-no tools, no hassle. Power grows with your needs.

Image 3.1: The EF ECOFLOW DELTA Pro Ultra X Extra Battery unit and its accompanying connection cable.

4. SETUP

The DELTA Pro Ultra X Extra Battery is designed for simple plug-and-play integration with your main DELTA Pro Ultra X unit. Follow these steps to connect your extra battery:

1. Ensure both the DELTA Pro Ultra X main unit and the extra battery are powered off before making any connections.
2. Locate the battery expansion port on your DELTA Pro Ultra X main unit.
3. Connect one end of the provided EcoFlow Battery Connection Cable to the expansion port on the main unit.
4. Connect the other end of the cable to the corresponding port on the DELTA Pro Ultra X Extra Battery.
5. Once connected, you can power on your DELTA Pro Ultra X system. The extra battery will be automatically recognized and integrated.



Image 4.1: A user connecting an extra battery to the main power station, demonstrating the plug-and-play setup.

5. OPERATING INSTRUCTIONS

Once connected, the extra battery operates in conjunction with your DELTA Pro Ultra X main unit. Its capacity is seamlessly added to the overall system.

- **Power On/Off:** The extra battery powers on and off automatically with the main DELTA Pro Ultra X unit.
- **Monitoring:** Use the EcoFlow app to monitor the charge status, power input/output, and other parameters of the entire DELTA Pro Ultra X system, including the connected extra batteries.
- **Charging:** The extra battery charges simultaneously with the main unit when the DELTA Pro Ultra X is connected to a power source (AC, solar, or generator). The system intelligently manages the charging process for all connected batteries.
- **Discharging:** Power is drawn from the combined capacity of all connected batteries as needed by your appliances.



Image 5.1: The DELTA Pro Ultra X system, including extra batteries, providing power to a home.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your extra battery.

- **Storage:** If storing the battery for an extended period, ensure it is charged to approximately 50-80% and stored in a cool, dry environment (0°C to 40°C / 32°F to 104°F). 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 solvents.
- **Inspection:** Periodically check the connection cable and ports for any signs of damage or wear.
- **Firmware Updates:** Keep the EcoFlow app and your DELTA Pro Ultra X system firmware updated to ensure the best performance and access to new features.

Save up to \$ **6,000** / Year

Image 6.1: An internal view of the durable battery pack, emphasizing precision screening and self-maintenance features.

7. TROUBLESHOOTING

If you encounter issues with your DELTA Pro Ultra X Extra Battery, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Extra battery not recognized	Loose connection cable; main unit not updated.	Ensure the connection cable is securely plugged into both units. Power cycle the main DELTA Pro Ultra X unit. Check for and install any available firmware updates via the EcoFlow app.
Battery not charging	Main unit not charging; cable issue; extreme temperature.	Verify the main DELTA Pro Ultra X unit is receiving power and charging. Check the connection cable for damage. Ensure the operating temperature is within the specified range.
Reduced capacity/runtime	Battery degradation over time; high power draw.	Battery capacity naturally decreases over many charge cycles. Ensure all connected devices are within the system's output limits.
Unusual noises or smells	Internal fault.	Immediately power off the system and disconnect the extra battery. Contact EF ECOFLOW customer support. Do not attempt to repair.

For further assistance, please refer to the EcoFlow app or contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	EF ECOFLOW
Model Name	DELTA Pro Ultra X Extra Battery with Connection Cable
Model Number	EFYJ751-BP
Capacity	6144Wh (Expandable up to 180kWh with multiple units)
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Item Weight	124 Pounds
Product Dimensions (L x W x H)	26" x 18" x 8"
Included Components	EcoFlow Smart Extra Battery (DELTA Pro Ultra X) (x1), EcoFlow Battery Connection Cable (0.65ft) (x1)
Safety Features	EV-grade LFP cells, Dual BMS, 3-level safety architecture, Smart Extreme-Weather Protection

9. WARRANTY AND SUPPORT

Warranty: This EF ECOFLOW DELTA Pro Ultra X Extra Battery is covered by a 2-year manufacturer's warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, warranty inquiries, or any other questions regarding your product, please contact EF ECOFLOW customer support through their official website or the contact information provided with your purchase documentation.