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EF ECOFLOW DELTA 3 Max Plus

EcoFlow DELTA 3 Max Plus Portable Power Station User Manual

Model: DELTA 3 Max Plus | Brand: EF ECOFLOW

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1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your EcoFlow DELTA 3 Max Plus Portable Power Station. Please read this manual thoroughly before operating the device and retain it for future reference. This product is designed to provide reliable power for various applications, including outdoor activities, emergency backup, and mobile power needs.

2. PRODUCT OVERVIEW

The EcoFlow DELTA 3 Max Plus is a high-capacity portable power station featuring advanced technology and versatile output options. It is designed for both convenience and performance.

2.1 Key Features

- **High Capacity & Output:** 2048Wh capacity with a rated output of 3000W (surge up to 3800W with X-Boost). Utilizes SiC power semiconductor technology for high efficiency.
- **Fast Charging:** Multiple charging methods allow for rapid recharging, with some combinations achieving full charge in as little as 72 minutes.
- **Expandable Capacity:** Flexible capacity options from 2,048Wh up to 10,240Wh by connecting additional batteries.
- **Versatile Output:** Equipped with 10 output ports, including 4 AC outlets (up to 2000W per port) and high-power USB-C ports.

- **Smart AC Output Control:** Industry-first AC output division control, allowing smart management of AC ports via the EcoFlow app.
- **Smart Functions:** Includes StormGuard for automatic priority charging during bad weather alerts and TOU (Time-of-Use) mode for optimized charging/discharging based on electricity rates.
- **User-Friendly Design:** All frequently used AC outlets and USB ports are located on the front for easy access. Compact design with an integrated handle for portability and space efficiency.

2.2 Components

The DELTA 3 Max Plus features a robust design with clearly labeled ports and a central display for monitoring status.



Figure 1: Front view of the EcoFlow DELTA 3 Max Plus Portable Power Station, showing the display, AC outlets, and USB ports.



Figure 2: Visual summary of key features, including multiple charging methods, 3000W output, advanced BMS, expandable capacity up to 10,240Wh, and 10-year battery life.

大人数も複数機器も、 思いきり使える充実の出力ポート

高出力AC / USB-Cを含む10の出力



4つのAC出力ポート（各ポート最大2,000W出力）や、
高出力USB-Cポートを含む合計10の出力ポートを搭載。
大人数の車中泊や、同時に複数の機器を使いたい場合
でも不便なく自由に電気を使えます。

Figure 3: The DELTA 3 Max Plus powering various devices simultaneously, demonstrating its 10 output ports.

主要ポートを前面に集約 & コンパクトですっきり収納

使いたいポートにすぐ手が届く
持ち運びや収納に便利なコンパクト設計



Figure 4: The compact design of the DELTA 3 Max Plus, highlighting its front-facing ports for easy access and storage in confined spaces.

3. SETUP

3.1 Unboxing

Upon receiving your DELTA 3 Max Plus, carefully remove all components from the packaging. Verify that all accessories are present according to the packing list.

3.2 Initial Charge

It is recommended to fully charge the DELTA 3 Max Plus before first use to optimize battery performance and lifespan. Refer to the 'Charging Methods' section for detailed instructions.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To power on the device, press and hold the main power button until the display illuminates.
- To power off, press and hold the main power button until the display turns off.

4.2 Charging Methods

The DELTA 3 Max Plus supports multiple charging options:

- **AC Charging:** Connect the AC charging cable to a standard wall outlet. The device can fully charge in approximately 108 minutes (1.8 hours) at 1500W.
- **Solar Charging:** Connect compatible solar panels (sold separately) to the solar input port. Charging time varies based on solar intensity and panel wattage.
- **Car Charging:** Use the car charger (sold separately) to charge from your vehicle's 12V/24V outlet.
- **Combined Charging:** For the fastest charging, combine solar and car charging, which can achieve a full charge in as little as 72 minutes.

4つの充電方式で、 バッテリー切れの心配なし

最短1.2時間で満充電！急速充電 × 4つの方式で
急な電力ニーズも安心



走行充電* (800W)
0%～100% 約2.6時間



AC充電 (1,500W)
0%～100% 約108分



ソーラー充電 (1,000W)
0%～100% 約2.5時間



走行*+ソーラー充電 (1,800W)
0%～100% 約1.2時間

*EcoFlow スマート発電機アダプター（別売り）が必要です。

Figure 5: Illustration of the four rapid charging methods: Car Charging (800W), AC Charging (1500W), Solar Charging (1000W), and Combined Car + Solar Charging (1800W).

4.3 Discharging (Using Output Ports)

The DELTA 3 Max Plus provides various output ports to power your devices:

- **AC Outlets:** Press the AC power button to enable AC output. Connect your AC-powered devices. Each AC port supports up to 2000W.
- **USB-A Ports:** Connect your USB-A compatible devices for charging.
- **USB-C Ports:** Connect your USB-C compatible devices for charging.

- **DC Output:** Use the DC output for compatible devices.

使い方がグッと広がる、 業界トップクラスの定格3,000W出力

DELTA 3 Max Plus

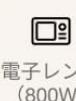
3,000W



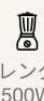
電気ケトル
(1500W)



冷蔵庫
(200W)



電子レンジ
(800W)



ブレンダー
(500W)

2,000Wh帯 競合製品

2,000W



電気ケトル
(1500W)



ブレンダー
(500W)



Figure 6: The DELTA 3 Max Plus demonstrating its 3000W rated output by simultaneously powering an electric kettle, microwave, and blender.

4.4 X-Boost Function

The X-Boost function allows the DELTA 3 Max Plus to power devices requiring up to 3800W by lowering the voltage and current, enabling it to run more appliances than its rated output. This feature is automatically enabled when the total output exceeds the rated power. It is suitable for resistive loads like heating elements.

4.5 Smart AC Output Control

The DELTA 3 Max Plus offers advanced control over its AC outputs:

- **AC Grouping:** The four AC outputs are divided into two controllable groups (AC1 / AC2). This allows for smart management of power distribution.
- **Priority Settings:** Through the EcoFlow app, you can set priority levels for AC groups and a battery threshold. When the battery level drops below the set threshold, the lower-priority AC ports will automatically turn off to conserve power for essential devices connected to high-priority ports (e.g., refrigerators).
- **Overload Protection:** In case of overload, the system will automatically shut down lower-priority AC groups while maintaining power to the prioritized AC group, preventing a complete system shutdown and ensuring critical devices remain powered.

「エアコンはつけたまま、照明はオフ」 そんな切り分けも手元で自由自在に

業界初、4つのAC出力ポートを2分割で制御できる
スマート機能搭載

業界初のAC出力制御、 もっと便利で快適に

4つのAC出力を2つ（AC1 / AC2）に分けてスマート制御。本体だけでなくEcoFlowアプリから遠隔操作もできるため、車中泊やキャンプで寝る前に「エアコンと冷蔵庫はオン、照明だけオフ」など、これまでにない便利な使い方ができます。



限られた電力は本当に必要な機器へ

EcoFlowアプリからACグループの優先度とバッテリー残量しきい値を設定すると、設定した残量を下回った時に自動で優先度が低いACポートをオフにします。冷蔵庫など継続的な給電が必要な機器を優先ポートに接続すれば、急な停電や充電忘れの際も安心して使えます。

過負荷を防いで安定供給

過負荷時に、アプリで優先設定したACグループのみ給電を維持して他方のAC出力を自動的にシャットダウン。全体のシャットダウンを防ぎ、重要な機器へ安定して電力を供給します。



Figure 7: Demonstrating the smart AC output control feature, allowing users to manage power to different appliances remotely via the EcoFlow app.

4.6 EcoFlow App Control

The EcoFlow app provides comprehensive remote control and monitoring capabilities for your DELTA 3 Max Plus:

- Remote Operation:** Turn AC outlets on/off, manage charging settings, and monitor power usage from your smartphone.
- StormGuard Function:** When enabled, the device will automatically prioritize charging during severe

weather alerts (based on weather forecasts within 12 hours), ensuring it's ready for potential power outages.

- **Automatic Power Switching:** In the event of a power outage, the device can automatically switch to battery power in less than 10ms, providing uninterrupted power to connected devices like PCs or refrigerators.
- **TOU (Time-of-Use) Mode:** Optimize charging and discharging based on peak and off-peak electricity rates, helping to reduce electricity costs.

スマホ1つで基本操作から もしもの災害対策まで

防災用スマート機能や電力使用の最適化まで、
手元で簡単コントロール



StormGuard機能



<10ms 電源自動切り替え



TOU (時間帯別料金) モード



スマート制御 & モニタリング

Figure 8: Overview of smart functions, including StormGuard, automatic power switching (<10ms), TOU mode, and smart control & monitoring via the EcoFlow app.

4.7 Expandable Capacity

The DELTA 3 Max Plus's capacity can be expanded by connecting additional batteries (sold separately). This allows for flexible power solutions ranging from 2,048Wh to a maximum of 10,240Wh, suitable for various durations and power demands.

使う分だけ増やせる安心、 大人数にも長期間にも頼れる電源

最大10,240Whの容量拡張！柔軟に選べる4つの容量



2,048Wh - 2人で1泊2日
夜だけ電気で快適車中泊

DELTA 3 Max Plus / DELTA 3 Max

ポータブルエアコンや照明、スマホ充電、ポータブル冷蔵庫、ドライヤーなど必要な機器をしっかりと稼働。夜間の短い時間だけ車内で電気を使いたい車中泊にピッタリ。



4,096Wh - 2人で1泊2日
日中もしっかり楽しむ車中泊

DELTA 3 Max Plus(×1) + DELTA 3 Max Plus EB(×1)

ポータブルエアコン、照明、調理家電、スマホ充電を1~2日安定供給。ドライヤーや調理機器も安心して使って、日中も車内で楽しむ車中泊にピッタリ。



6,144Wh - 4人で1泊2日
車中泊

DELTA 3 Max Plus (×1) + DELTA 3 Max Plus EB (×2) / DELTA Pro 3 EB (×1)

ポータブルエアコン2台、ポータブル冷蔵庫、照明、調理家電、スマホやタブレットの充電も余裕で対応。



10,240Wh - 4人で2泊3日
車中泊

DELTA 3 Max Plus (×1) + DELTA Pro 3 EB (×2)

ポータブルエアコンの連続稼働、冷蔵庫、調理家電、照明、通信機器、ポータブルシャワー、エンタメ機器まで、快適で充実した車中泊生活をトータルサポート

*エクストラバッテリーを2台接続するには、別売りの専用アクセサリー（2025年11月発売予定）が必要です。

Figure 9: Various capacity configurations for the DELTA 3 Max Plus, illustrating how additional batteries can extend power duration for different scenarios, from overnight use to multi-day trips.

5. MAINTENANCE

5.1 Storage

- Store the DELTA 3 Max Plus in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to discharge the battery to 30% and then recharge to 60% every 3 months to prolong battery life.

5.2 Cleaning

- Use a dry, soft cloth to wipe the exterior of the device.
- Do not use harsh chemicals or abrasive materials.

5.3 Battery Care

The DELTA 3 Max Plus is equipped with an advanced Battery Management System (BMS) to ensure safety and longevity. Regular use and proper storage practices will help maintain its 10-year battery lifespan.

6. TROUBLESHOOTING

If you encounter issues with your DELTA 3 Max Plus, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on	Battery is completely discharged; Power button not pressed correctly.	Charge the device using an AC outlet; Press and hold the power button firmly.
AC output not working	AC output is not enabled; Device is overloaded; Battery level is too low.	Press the AC power button; Reduce the number of connected devices or use X-Boost; Recharge the device.
Slow charging speed	Charging input power is low; Environmental temperature is too high/low.	Ensure the charging source provides sufficient power; Charge in a suitable temperature range (0-45°C).
App connection issues	Bluetooth/Wi-Fi is off; Device is too far from smartphone.	Ensure Bluetooth/Wi-Fi is enabled on your smartphone; Move closer to the device.

If the problem persists, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	EF ECOFLOW
Model Number	DELTA 3 MAX PLUS
Capacity	2048Wh (Expandable up to 10,240Wh)
AC Output	3000W (Rated), 3800W (X-Boost)

Feature	Detail
Number of Ports	10 (including AC, USB-A, USB-C)
Dimensions (L x W x H)	49.6 cm x 30.5 cm x 24.2 cm
Weight	23 kg
Color	Silver
Warranty	5 years
Compatible Devices	Laptops, various home appliances, outdoor equipment

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The EcoFlow DELTA 3 Max Plus Portable Power Station comes with a **5-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact EcoFlow customer support. You can find contact information and additional resources on the official EcoFlow website or through their Amazon store:

[Visit the EF ECOFLOW Store on Amazon](#)