

[Manuals.plus](#) /

› [EF ECOFLOW](#) /

› EF ECOFLOW DELTA 3 Max Plus Portable Power Station User Manual

EF ECOFLOW EF-DL3-MP

EF ECOFLOW DELTA 3 Max Plus Portable Power Station User Manual

Model: EF-DL3-MP

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your EF ECOFLOW DELTA 3 Max Plus Portable Power Station. Please read this manual thoroughly before using the product to ensure proper handling and to prevent damage or injury. Keep this manual for future reference.

The DELTA 3 Max Plus is a high-capacity portable power station designed for various applications, including home backup, outdoor activities, and emergency power needs. It features a LiFePO4 battery, multiple charging options, and a robust output capacity.



Image 1.1: The EF ECOFLOW DELTA 3 Max Plus Portable Power Station, showcasing its compact design and a small power bank accessory.

2. SAFETY INSTRUCTIONS

Adhering to these safety guidelines is crucial for preventing electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit.
- Do not place the unit near fire or expose it to heat.
- Do not use or store the unit in a bathroom or in an area exposed to water or rain.
- Do not use the unit in an environment with strong static electricity or magnetic fields.
- Do not use non-ECOFLOW components.

- Do not block the ventilation openings.
- Do not use the unit if it is damaged or appears to be damaged.
- Keep the unit out of reach of children and pets.
- Operate the unit in a well-ventilated area.
- Ensure proper grounding when connecting to external devices.

3. PACKAGE CONTENTS

Verify that all items are present in your package. If any items are missing or damaged, please contact customer support.

- EF ECOFLOW DELTA 3 Max Plus Portable Power Station
- AC Charging Cable
- Car Charging Cable
- Solar Charging Cable (MC4 to XT60)
- User Manual

4. PRODUCT OVERVIEW

The DELTA 3 Max Plus features a clear display and various input/output ports for versatile power management.

4.1. Front Panel



Image 4.1: Front panel of the DELTA 3 Max Plus, highlighting the display, USB-C, USB-A, and AC outlets.

- **LCD Display:** Shows battery level, input/output wattage, and status indicators.
- **USB-C Ports:** For charging compatible devices.
- **USB-A Ports:** For charging compatible devices.
- **AC Outlets:** Standard household outlets for powering appliances.
- **DC Output:** For DC-powered devices.

4.2. Rear Panel

The rear panel typically houses the AC input port, solar/car charging input, and ventilation. Refer to the unit for exact port locations.

5. SETUP

5.1. Initial Charge

Before first use, fully charge the DELTA 3 Max Plus. Connect the AC charging cable to the unit's AC input port and then to a wall outlet. The LCD display will show the charging status. A full charge from 0% to 80% can be achieved in approximately 64 minutes using AC charging.



Image 5.1: The DELTA 3 Max Plus connected to a wall outlet for AC charging.

5.2. Powering On/Off

Press and hold the main power button for 3 seconds to turn the unit on or off. Briefly press the AC or DC power buttons to enable or disable their respective outputs.

6. OPERATING INSTRUCTIONS

6.1. Charging the DELTA 3 Max Plus

The unit supports multiple charging methods:

- **AC Wall Outlet:** Connect the AC charging cable. 0-80% in 64 minutes.
- **Solar Panels:** Connect compatible solar panels via the solar charging cable. 0-80% in approximately 96 minutes with optimal solar input.
- **Car Charger:** Use the car charging cable to charge from your vehicle's 12V/24V outlet.
- **Smart Generator:** Connect to an EcoFlow Smart Generator for rapid charging. 0-80% in 43 minutes.
- **PV + Car Charging:** Combine solar and car charging for faster results. 0-80% in 51 minutes.

5 Ways to Charge Up

Ready in Just 43 Mins



Generator charging
0-80% in

43 Mins



AC charging
0-80% in

64 Mins



Solar charging
0-80% in

96 Mins



Car charging
0-80% in

3.25 Hours



Solar + Car Charging
0-80% in

51 Mins

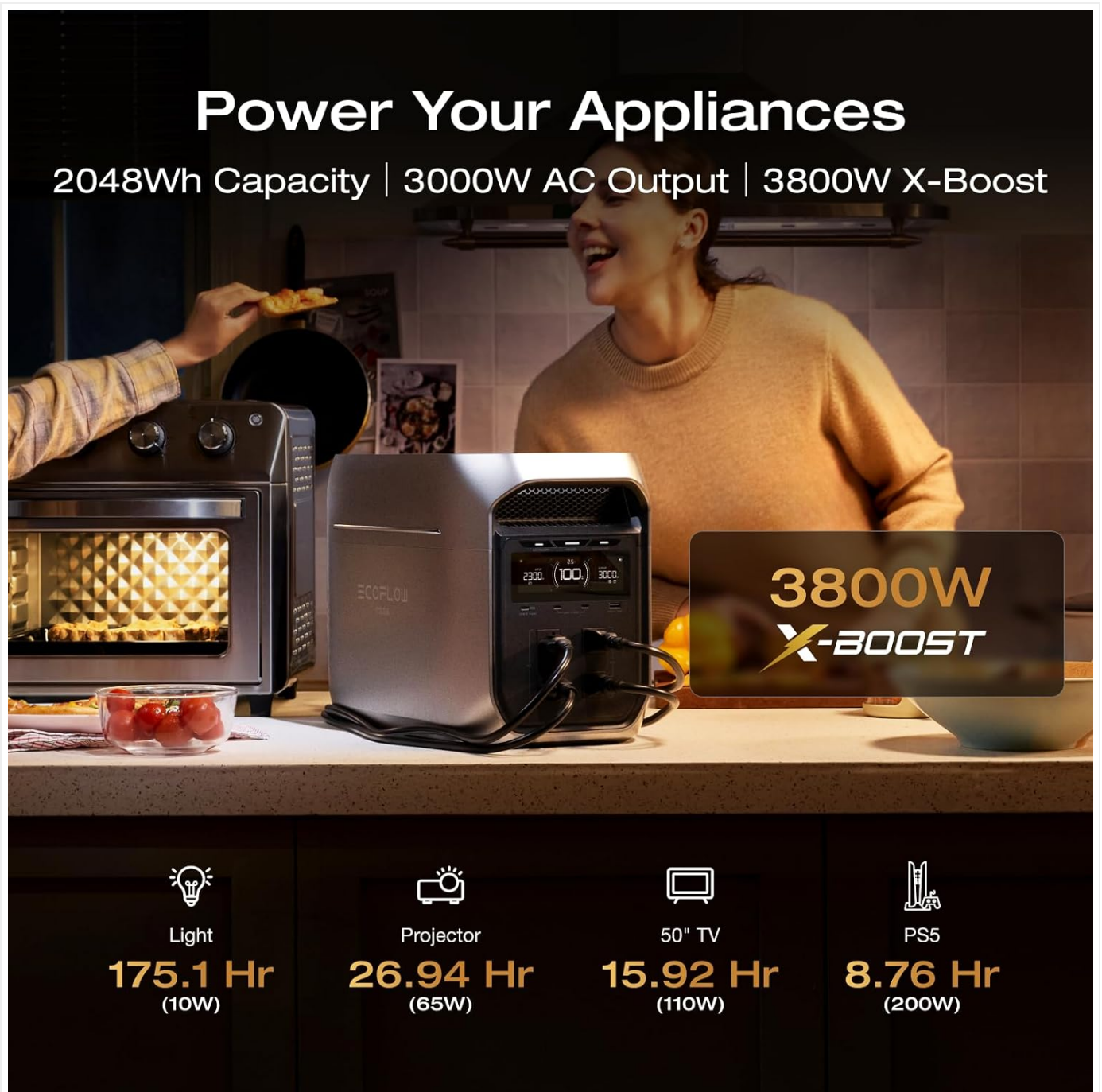
Image 6.1: Visual representation of the five charging methods available for the DELTA 3 Max Plus.

6.2. Powering Devices

Connect your devices to the appropriate output ports (AC, USB-A, USB-C, DC). Ensure the respective output button is enabled.

Power Your Appliances

2048Wh Capacity | 3000W AC Output | 3800W X-Boost



 Light 175.1 Hr (10W)	 Projector 26.94 Hr (65W)	 50" TV 15.92 Hr (110W)	 PS5 8.76 Hr (200W)
--	--	---	--

Image 6.2: The power station in a kitchen setting, demonstrating its ability to power various appliances.

6.3. X-Boost Feature

The X-Boost feature allows the DELTA 3 Max Plus to power devices requiring up to 3800W, even though its rated output is 3000W. This is achieved by reducing the voltage and current to allow high-wattage devices to operate without overloading the unit. This feature is ideal for resistive loads like heaters or power tools.



Image 6.3: The power station connected to a circular saw, illustrating the X-Boost capability for high-power tools.

6.4. Uninterruptible Power Supply (UPS)

When connected to an AC wall outlet, the DELTA 3 Max Plus can function as an Uninterruptible Power Supply (UPS). In the event of a power outage, it automatically switches to battery power in under 10 milliseconds, providing seamless power to connected devices. This protects sensitive electronics like computers and medical equipment from data loss or interruption.

Zero Downtime Built-in UPS

<10ms auto-switch Supports NAS Systems



Image 6.4: The power station providing backup power in a kitchen, demonstrating its UPS functionality.

6.5. Smart App Control

Download the EcoFlow app to monitor and control your DELTA 3 Max Plus remotely. The app allows you to check battery levels, adjust charging/discharging settings, set output priorities, and optimize energy usage. This includes features like Smart Power Reserve to shed non-essential loads during outages.

Extend What Matters Most, Pick Your Priority Outputs

*Smart Power Reserve | Set your desired battery threshold (%) to automatically shed non-essential loads during outages



Image 6.5: A smartphone displaying the EcoFlow app, illustrating remote control and monitoring capabilities for the power station.

6.6. Expandable Capacity

The DELTA 3 Max Plus's capacity can be expanded from 2048Wh up to 10kWh by connecting additional EcoFlow Smart Extra Batteries. This allows for extended power duration for longer trips or whole-home backup.

Expandable Capacity

Up to 10kWh with 2 Extra Battery Units



2048Wh

DELTA 3 MAX Plus



6048Wh

DELTA 3 Max Plus + 2 × DELTA 3 Max Plus
Smart Extra Battery (2KWh)



10048Wh

DELTA 3 Max Plus + 2 × DELTA Pro
3 Smart Extra Battery (4KWh)

Image 6.6: The DELTA 3 Max Plus shown with optional extra battery units, demonstrating its expandable capacity.

7. MAINTENANCE

7.1. Storage

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

7.2. Cleaning

Use a dry, soft cloth to clean the surface of the unit. Do not use harsh chemicals or immerse the unit in water.

7.3. Battery Care

The DELTA 3 Max Plus uses a LiFePO4 battery designed for long life (10 years of daily use). Avoid fully discharging the battery frequently, as this can reduce its overall lifespan. Operate within recommended temperature ranges.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Battery is fully discharged; Power button not pressed long enough.	Charge the unit; Press and hold the power button for 3 seconds.
AC outlets not working.	AC output not enabled; Overload protection activated.	Press the AC power button; Reduce connected load, then restart AC output.
Slow charging.	Environmental temperature too high/low; Charging cable issue; Solar input insufficient.	Charge within recommended temperature range; Check cable connections; Ensure solar panels are in direct sunlight.
App connection issues.	Bluetooth/Wi-Fi off; Unit too far from phone; App outdated.	Ensure Bluetooth/Wi-Fi is on; Move closer to the unit; Update the EcoFlow app.

If the problem persists, please contact EF ECOFLOW customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	EF ECOFLOW
Model Name	EF ECOFLOW Solar Generator DELTA 3 MAX Plus Power station
Model Number	EF-DL3-MP
Battery Type	LiFePO4
Capacity	2048Wh (Expandable up to 10kWh)
AC Output	3000W (Pure Sine Wave, 3800W with X-Boost)
AC Input	1800W Max (X-Stream fast charging)
Solar Input	1000W Max
Car Charging Input	12V/24V, 8A
UPS Switch Time	Less than 10ms
Dimensions (L x W x H)	9.52"L x 12"W x 19.44"H
Weight	49 Pounds
Operating Noise Level	25 dB (under 600W load)

10. WARRANTY AND SUPPORT

The EF ECOFLOW DELTA 3 Max Plus comes with an extended 5-year service. For detailed warranty terms and

conditions, please refer to the official EF ECOFLOW website or contact customer support.

Customer Support:

For technical assistance, warranty claims, or general inquiries, please visit the official EF ECOFLOW website or contact their support team directly. Contact information can typically be found on the product packaging or the official website. You can also visit the [EF ECOFLOW Store on Amazon](#) for more product information and support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question