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EF ECOFLOW DELTA 3 MAX

EF ECOFLOW DELTA 3 MAX Portable Power Station User Manual

Model: DELTA 3 MAX (EF-DL-H02-3M) | Brand: EF ECOFLOW

INTRODUCTION

The EF ECOFLOW DELTA 3 MAX is a portable power station designed to provide reliable power for various applications, including home backup and RV camping. It features ultra-fast charging capabilities, a high X-Boost output, and a durable LiFePO4 battery for extended lifespan.

This manual provides essential information for the safe and efficient use of your DELTA 3 MAX portable power station.

PRODUCT OVERVIEW AND INCLUDED COMPONENTS

The DELTA 3 MAX portable power station comes with the main unit and a 500W Alternator Charger. It is designed for versatility with multiple output ports and charging options.



Image: The EF ECOFLOW DELTA 3 MAX Portable Power Station, showcasing its compact design and integrated handle.

SETUP

Initial Charging

Before first use, fully charge the DELTA 3 MAX. The unit supports ultra-fast charging, reaching 0-80% in approximately 1.13 hours via AC input.

Connecting to the EcoFlow App

For smart control and monitoring, download the EcoFlow app. The app allows real-time energy usage monitoring, setting smart priorities, and managing charging/discharging schedules to optimize electricity costs and comfort.



Image: Screenshots of the EcoFlow app demonstrating AI Mode for off-peak charging and Self-Powered Mode for energy storage.

OPERATING INSTRUCTIONS

Powering On/Off

Press and hold the main power button to turn the unit on or off. The display will illuminate, showing battery status and output information.

Using AC Outlets and X-Boost Mode

The DELTA 3 MAX provides multiple AC outlets. With its 3400W X-Boost output, it can power up to 99% of common household appliances, including high-wattage devices like refrigerators and microwaves, without overloading the unit.

POWER YOUR APPLIANCES

2048Wh 2400W AC Output 3400W X-BOOST



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

Image: The DELTA 3 MAX powering kitchen appliances, illustrating its 3400W X-Boost capability.

3-in-1 Functional Design

The DELTA 3 MAX features a 3-in-1 functional design, supporting Charging Mode, Reverse Charging Mode, and Battery Maintenance Mode. These modes allow for flexible power management and battery longevity. Note: The included XT60 cable does not support reverse charging or battery maintenance. For these functions, an XT150 cable with an EcoFlow DELTA Series product is required.

A 3-in-1 Functional Design

Real-time control by app



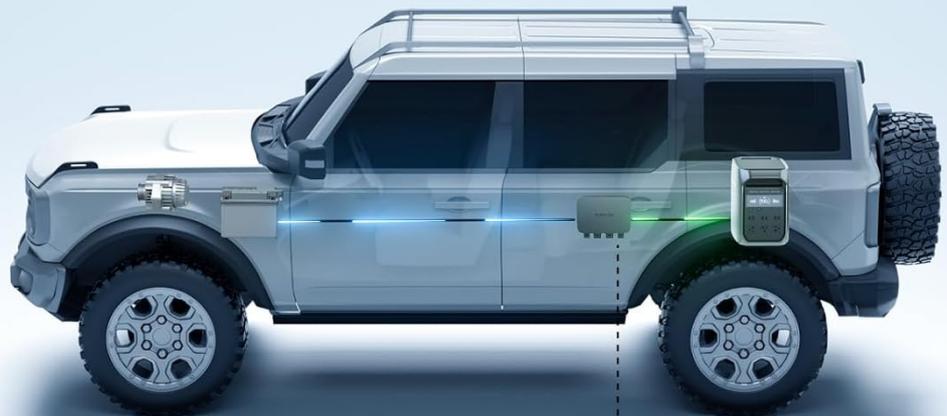
Charging
Mode



Reverse
Charging Mode



Battery
Maintenance
Mode



*Note: The included XT60 cable does not support reverse charging or battery maintenance. For these functions, you need to purchase and use an XT150 cable with an EcoFlow DELTA Series product.

Image: An illustration of the DELTA 3 MAX's 3-in-1 functional design, detailing Charging, Reverse Charging, and Battery Maintenance modes, with a note on cable requirements.

Uninterruptible Power Supply (UPS) Function

For home backup, the DELTA 3 MAX features an ultra-rapid 10ms transfer time when switching to battery power during an outage. This ensures sensitive electronics, such as computers and medical devices, remain operational without interruption.

Zero Downtime Built-in UPS

<10ms Auto-switch

Supports NAS Systems

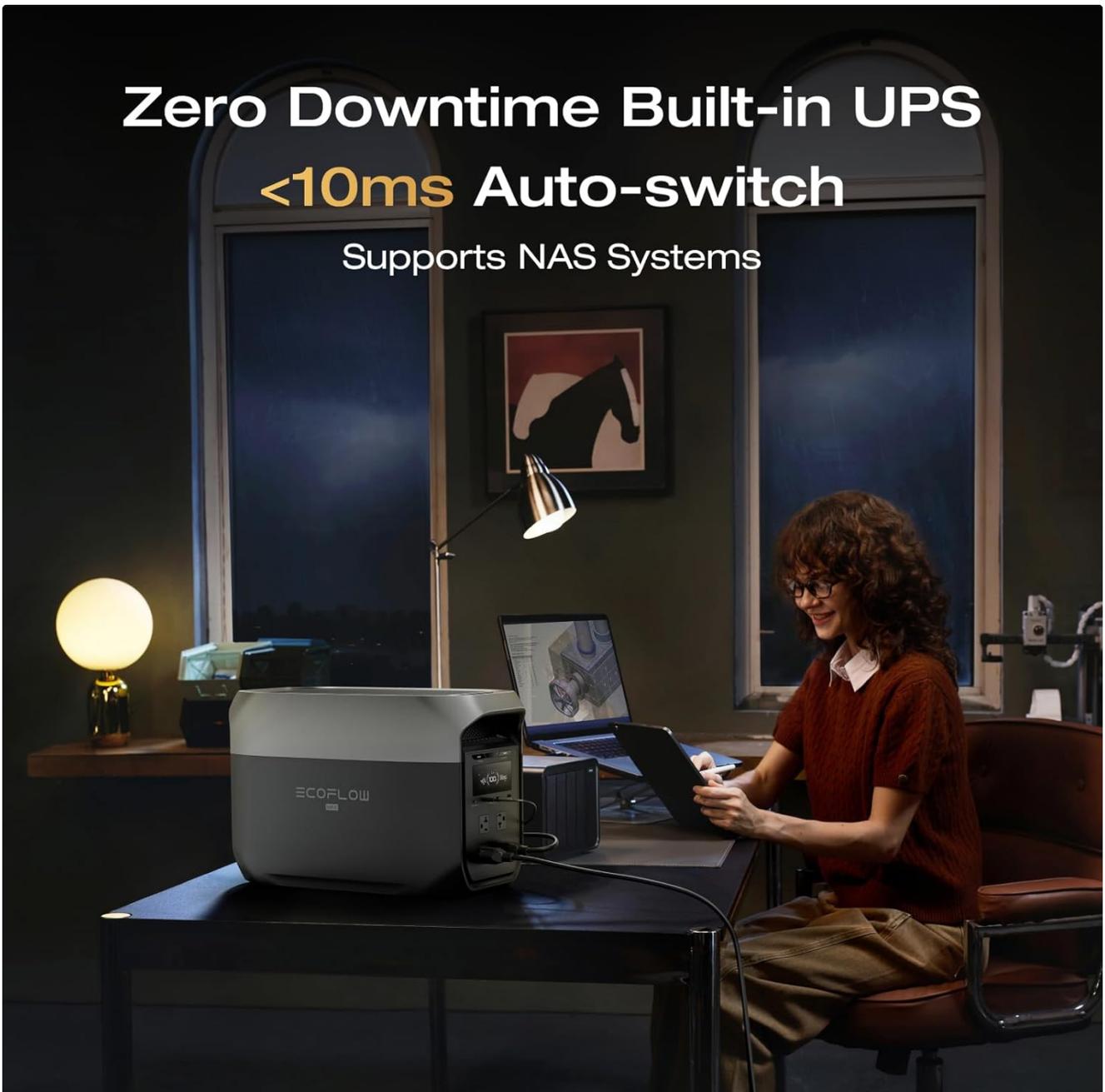


Image: The DELTA 3 MAX providing backup power to a workstation, highlighting its UPS feature.

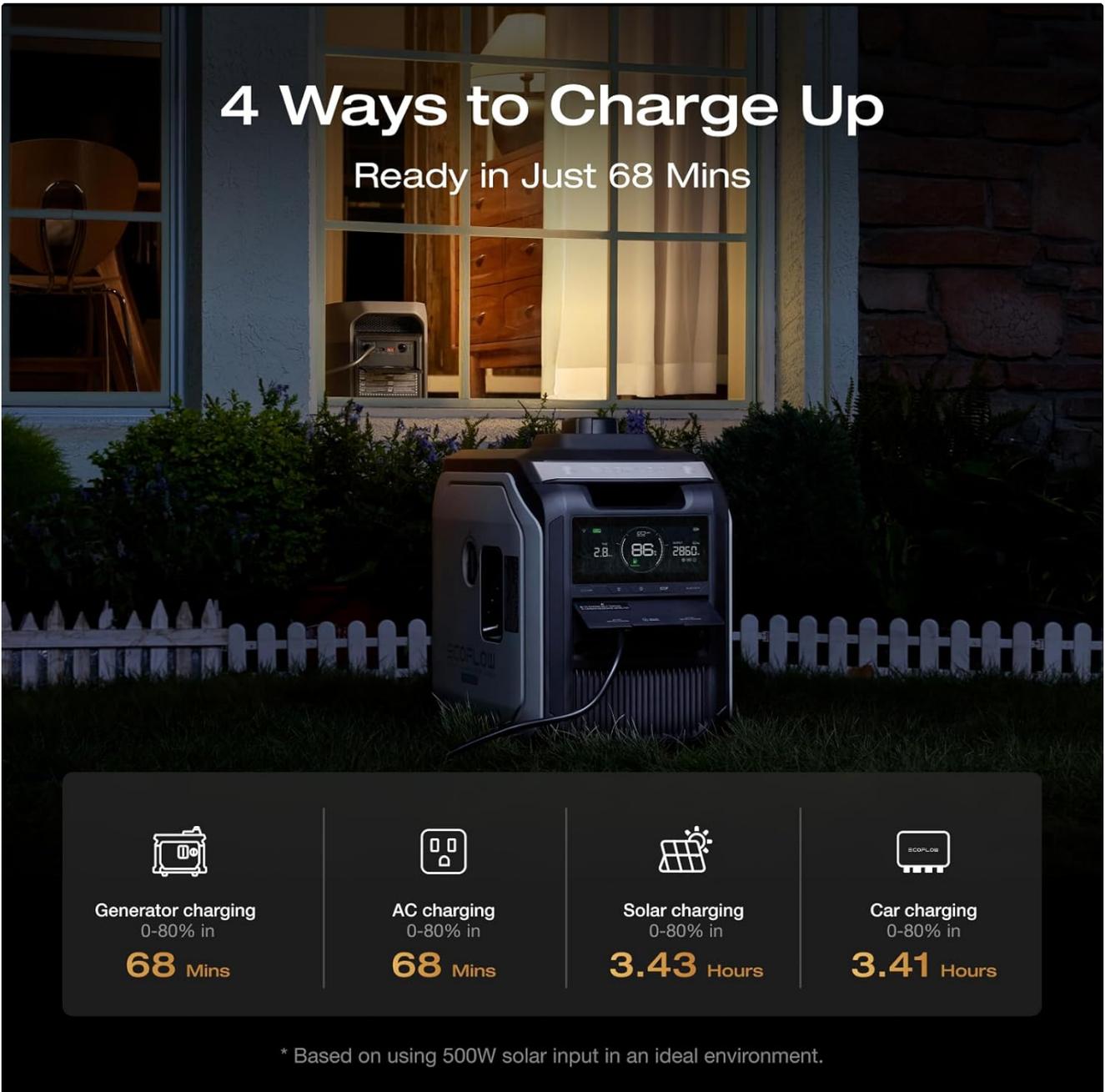
Charging Methods

The DELTA 3 MAX offers multiple charging options:

- **AC Charging:** Recharges 0-80% in approximately 68 minutes.
- **Solar Charging:** Recharges 0-80% in approximately 3.43 hours (based on 500W solar input in ideal conditions).
- **Car Charging:** Recharges 0-80% in approximately 3.41 hours using the 500W Alternator Charger.
- **Generator Charging:** Recharges 0-80% in approximately 68 minutes.

4 Ways to Charge Up

Ready in Just 68 Mins



Generator charging
0-80% in

68 Mins



AC charging
0-80% in

68 Mins



Solar charging
0-80% in

3.43 Hours



Car charging
0-80% in

3.41 Hours

* Based on using 500W solar input in an ideal environment.

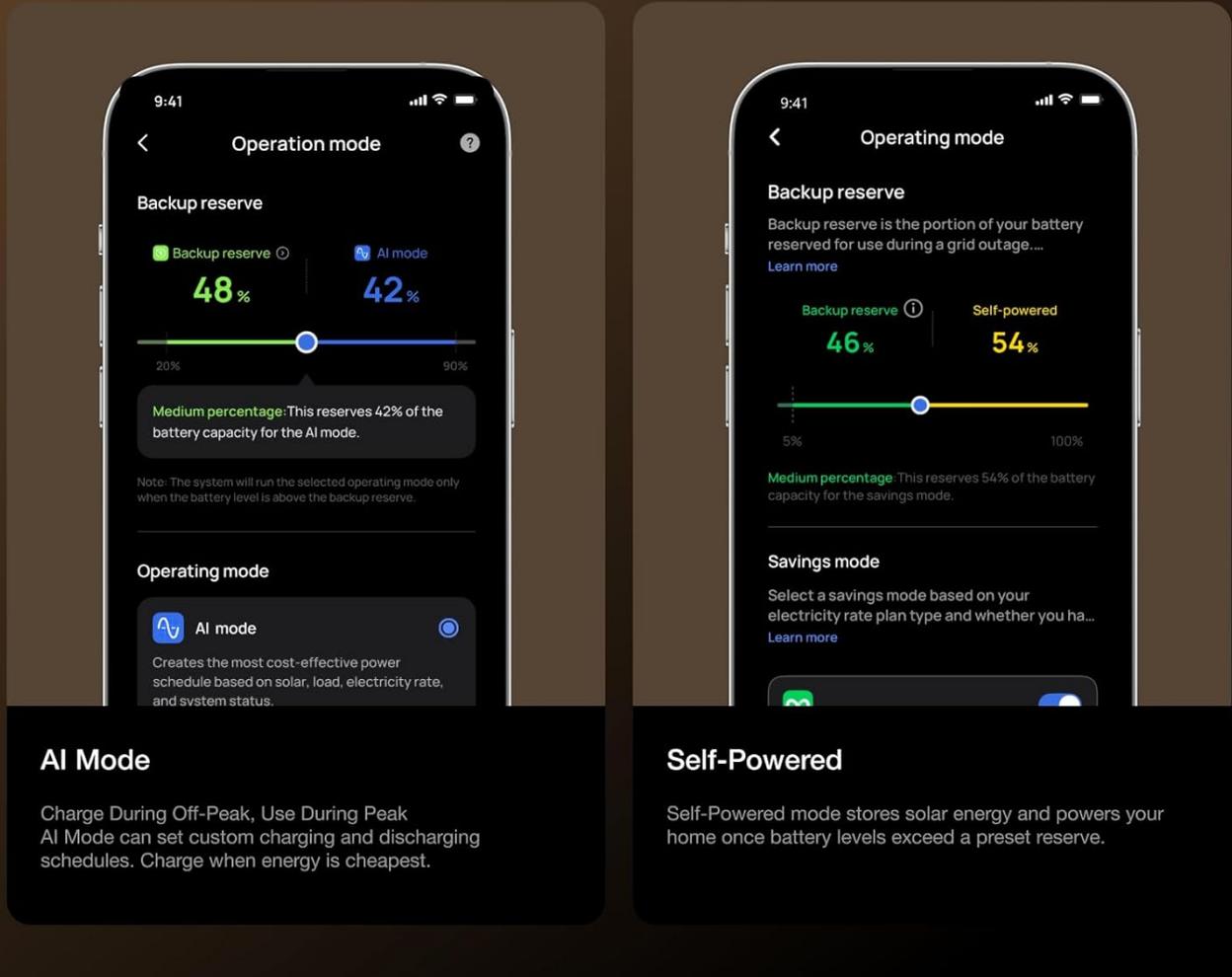
Image: Visual representation of the four charging methods: Generator, AC, Solar, and Car charging, with their respective 0-80% charging times.

Quiet Operation

The unit is designed for ultra-quiet performance, operating at approximately 25 dB when powering under 600W, ensuring minimal disturbance.

Cut Costs, Not Comfort

More Smart App control



AI Mode

Charge During Off-Peak, Use During Peak
AI Mode can set custom charging and discharging schedules. Charge when energy is cheapest.

Self-Powered

Self-Powered mode stores solar energy and powers your home once battery levels exceed a preset reserve.

Image: The DELTA 3 MAX in a bedroom, illustrating its quiet operation at 25 dB when under 600W load.

MAINTENANCE

Battery Lifespan and Care

The DELTA 3 MAX is engineered with a long-lasting LiFePO4 battery, designed for 10 years of daily use. To maximize battery life, avoid extreme temperatures and store the unit in a cool, dry place when not in use for extended periods. Regular partial discharges and recharges are recommended over full cycles.

Enduring Performance and Assured Safety

10 Years of Reliable Power



Battery Management System



LiFePO4 battery



UL 2743 Certified



Class B EMC



*Built to last, from its EV-grade drop-resistant frame and smart LFP core to its all-weather, whisper-quiet, and home-safe design.

Image: An internal view of the DELTA 3 MAX, showing the Battery Management System (BMS) and LiFePO4 battery cells, emphasizing its enduring performance and safety features.

Cleaning

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

TROUBLESHOOTING

If you encounter any issues with your DELTA 3 MAX, please refer to the full user manual or contact EF ECOFLOW customer support for assistance.

SPECIFICATIONS

Feature	Specification
Brand	EF ECOFLOW

Feature	Specification
Model Name	DELTA 3 MAX
Item Model Number	EF-DL-H02-3M
Wattage	2048 Watt-hours
Running Wattage	3400 Watts (X-Boost)
Output Wattage	2400.0
Fuel Type	Solar
Power Source	Solar Powered
Special Feature	Portable
Included Components	500W Alternator Charger, DELTA 3 MAX
Product Dimensions	19.5"L x 9.4"W x 12"H
Item Weight	49 pounds
Total Power Outlets	3
Engine Type	Inverter
Ignition System Type	Electronic
UPC	842783195197

WARRANTY AND SUPPORT

The EF ECOFLOW DELTA 3 MAX comes with an extended 5-year service. For warranty claims, technical support, or further inquiries, please visit the official EF ECOFLOW Store or contact their customer service directly.

Official EF ECOFLOW Store: [Visit Store](#)