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> EF ECOFLOW Portable Power Station DELTA Max 2000 with Extra Battery, Expand Capacity from 2016Wh to 4032Wh, Solar Generator for Home Backup, Emergency, Outdoor Camping Solar Generator DELTA Max+EB

EF ECOFLOW EFD310

EF ECOFLOW Portable Power Station DELTA Max 2000 User Manual

Model: EFD310 | Brand: EF ECOFLOW

1. PRODUCT OVERVIEW

The EF ECOFLOW DELTA Max 2000 is a versatile portable power station designed to provide reliable power for various applications, from home backup during emergencies to outdoor camping and RV use. It offers significant power output and expandable battery capacity to meet diverse energy needs.



Image: The DELTA Max 2000 power station with an additional battery unit, showcasing its compact design.

Key Features:

- **Expandable Capacity:** The DELTA Max can expand its capacity from 2016Wh up to 4032Wh with smart extra batteries, ensuring extended power supply for your home during outages.
- **Rapid Dual Charging:** Achieve 0-80% charge in just 65 minutes. Combine AC charging with the EcoFlow Smart Generator for speeds up to 3400W.
- **Power Multiple Devices (X-Boost):** With X-Boost technology, the DELTA Max can handle heavy-duty devices up to 3400W, including refrigerators and dryers.
- **Solar Powered Generator:** Connects with up to two 400W EcoFlow solar panels for a maximum 800W solar charging speed.
- **Eco-friendly Operation:** Utilize renewable energy for powering appliances and tools, reducing reliance on traditional power sources.

2. SETUP

Initial Charging:

Before first use, fully charge your DELTA Max 2000. You can use the included AC charging cable to connect to a standard wall outlet. For faster charging, consider using the dual charging methods described in the 'Charging Methods' section.

Recharge DELTA Max(2000) 0-80% in 65 Mins With X-Stream

 1.8 Hours(to full)

EcoFlow DELTA Max(2000)

 2.5-3.5 Hours(to full)

Other 2000Wh

Data based on internal test, with AC outlet.



Image: Visual representation of the DELTA Max 2000's rapid charging speed.

Connecting Extra Battery (Optional):

To expand capacity, connect the DELTA Max Smart Extra Battery using the provided cable. Ensure both units are powered off before connecting. Once connected, the DELTA Max will recognize the additional battery and display the combined capacity.

CUSTOMIZE YOUR POWER SUPPLY

Expand Capacity From 2016Wh to 4032Wh



DELTA Max
2016Wh



DELTA Max Smart Extra Battery
2016Wh



4032Wh

Image: Illustration of capacity expansion with the DELTA Max Smart Extra Battery.

3. OPERATING INSTRUCTIONS

Powering On/Off:

Press and hold the main power button for a few seconds to turn the unit on or off. The display screen will illuminate, showing battery percentage, input/output wattage, and estimated runtime.

Connecting Devices:

Plug your devices into the appropriate AC, DC, or USB output ports. Ensure the total wattage of connected devices does not exceed the DELTA Max's output capacity (2400W continuous, 4600W surge with X-Boost).

What Can You Do With **4032Wh**

X-Boost technology to power 99% appliances



Electric Frying Pan
1200W
3.2Hrs



Microwave
1300W
3Hrs



Coffee Maker
1000W
3.8Hrs



Hair Dryer
1600W
2.2Hrs



Electric Stove
1150W
3.4Hrs



Refrigerator
120W
28Hrs



Washer
500-1000W
3.8-7.6Hrs



Air Conditioner
1800W
2Hrs

Image: Examples of appliances powered by DELTA Max 2000 and their estimated runtimes.

Charging Methods:

The DELTA Max supports multiple charging inputs:

- **AC Wall Outlet:** Use the standard AC charging cable for fast charging.
- **Solar Panels:** Connect compatible solar panels (up to 800W max) for eco-friendly charging.
- **Car Charger:** Charge from your vehicle's 12V car outlet.
- **EcoFlow Smart Generator:** For maximum charging speed and extended power during outages.

Benefit From The Multiple Charging Methods DELTA Max Has



Image: Visual guide to the various charging options for the DELTA Max.

Dual Charging Method up to **3400W** **2016Wh** Big Capacity



AC + Solar



AC + Smart Generator
(3400W)



Solar + Smart Generator

Image: Dual charging methods for enhanced power input.

EcoFlow App Control:

Download the EcoFlow app to control, monitor, and manage your DELTA Max remotely. The app provides real-time data on input/output, battery status, and allows for customization of settings.

THERE'S AN APP

Control, Monitor, and Manage Your Energy Use



Image: The EcoFlow mobile application interface for remote control and monitoring.

4. MAINTENANCE

Cleaning:

Regularly wipe the exterior of the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive materials. Ensure ventilation ports are clear of dust and debris.

Storage:

When storing the DELTA Max for extended periods, ensure it is charged to approximately 50-80% and stored in a cool, dry place away from direct sunlight and extreme temperatures. Recharge the unit every 3-6 months to maintain battery health.

Battery Care:

The DELTA Max features an advanced Battery Management System (BMS) to monitor voltage, current, and temperature, ensuring safe and reliable operation. Avoid fully discharging the battery frequently to prolong its lifespan.

**Safe and Reliable Use Advanced
BMS protection to monitor:
voltage, current and temperature.**

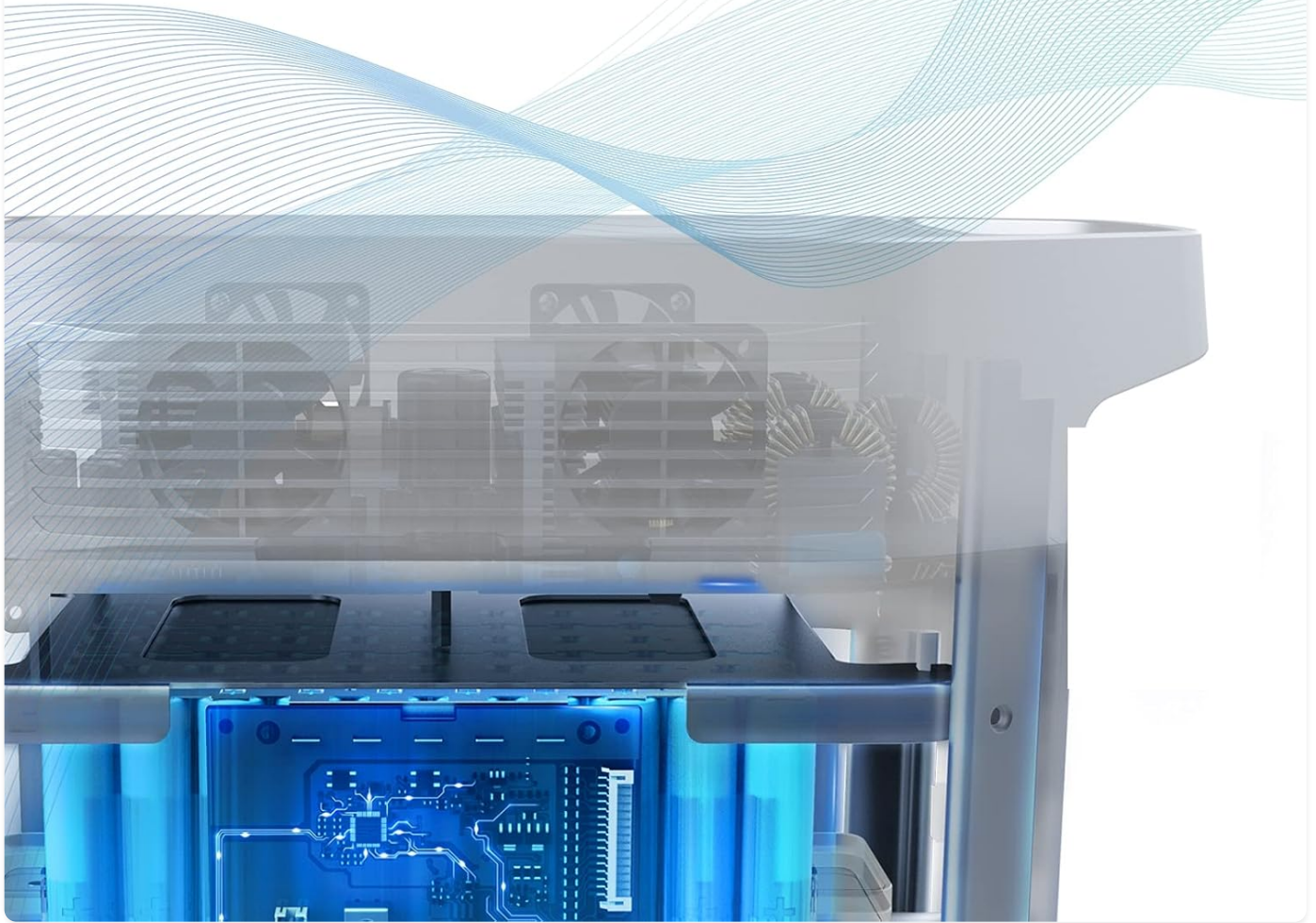


Image: Illustration of the internal Battery Management System (BMS) for enhanced safety.

5. TROUBLESHOOTING

Unit Not Charging:

- Ensure the charging cable is securely connected to both the DELTA Max and the power source.
- Verify the power source is active and providing power.
- Check the unit's display for any error codes or indicators.
- If using solar panels, ensure they are receiving adequate sunlight and are correctly connected.

No Power Output:

- Confirm the DELTA Max is powered on and has sufficient battery charge.
- Ensure the specific output ports (AC, DC, USB) are enabled via the buttons on the unit or through the EcoFlow app.
- Check if the connected device is functioning correctly and its power requirements do not exceed the DELTA Max's output limits.

App Connectivity Issues:

- Ensure Bluetooth or Wi-Fi is enabled on your mobile device.
- Restart the DELTA Max unit and your mobile device.
- Verify that the EcoFlow app is updated to the latest version.
- If the wireless icon is not showing on the unit's display, power cycle the unit.

6. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	EF ECOFLOW
Model Number	EFD310
Wattage	4032 Watt-hours (with extra battery)
Fuel Type	Electric
Power Source	Battery Powered, Solar Powered
Voltage	110 Volts (AC)
Output Wattage	2400 Watts (Running)
Starting Wattage	4600 Watts
Included Components	AC Charging Cable, Car Charging Cable, DELTA Max Extra Battery Cable, DELTA Max Smart Extra Battery, Power Station DELTA Max 2000
Color	Black
Product Dimensions	16.9"L x 9.5"W x 12"H
Total Power Outlets	6
Frequency	60 Hz
UPC	842783147110

7. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please refer to the official EF ECOFLOW website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Online Resources: Visit the EF ECOFLOW official website for FAQs, updated manuals, and software/firmware downloads.

Customer Service: Contact information for support can typically be found on the manufacturer's website or on the product packaging.

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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