

# EcoFlow Delta Pro Battery Facts



This section includes instructions for:

- An overview of the ports, buttons, and switches on the EcoFlow Delta Pro battery
- The features and specifications of the EcoFlow Delta Pro battery

## Uninterrupted Power Supply (UPS) & Pass Through Power

Pass Through Power means that you can plug the battery into the wall, then plug your devices into the battery. The battery can charge itself and provide power to your devices at the same time.

UPS means that the battery will switch from wall power to the power backup system seamlessly when the power goes out.

Combined, these features mean that you can safely rely on the battery to provide power to essential medical devices during a power outage.

## Eco-friendly

Unlike a back-up generator, a backup battery doesn't produce fumes or use a combustible engine.

## Economical

The battery does not require much power to charge. It should add less than \$1.50 a month to your electricity bill to keep it plugged in and charged at all times.

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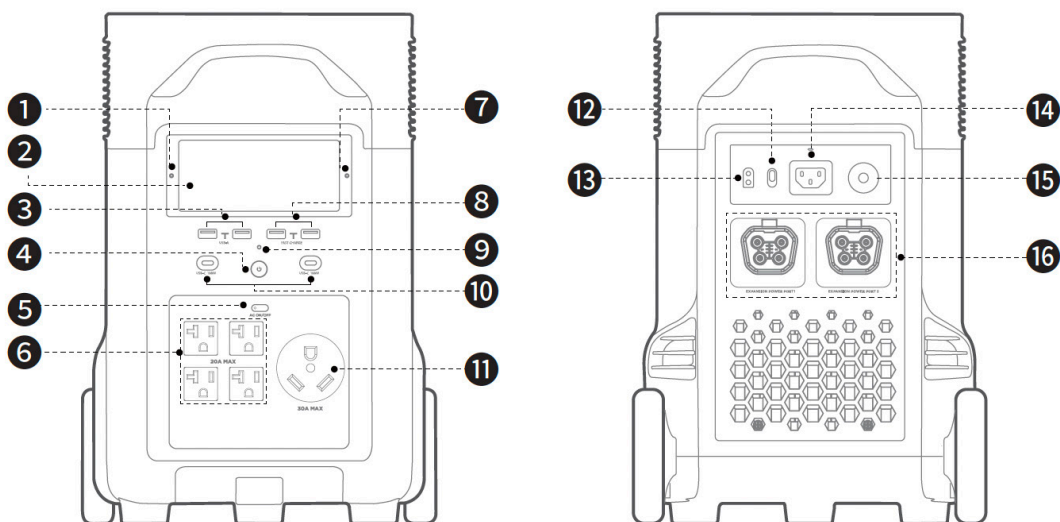
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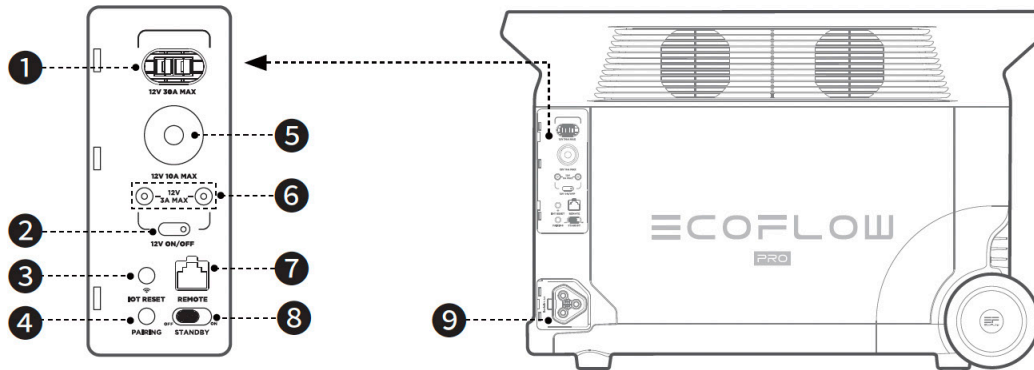


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# Battery Overview



- 1. Ambient light detector:** Automatically adjusts brightness of the LCD screen
- 2. LCD screen:** Provides information about your battery
- 3. USB-A output port:** Charges or powers smaller electronic devices like smartphones, tablets, and computers
- 4. Main power button:** Turns the entire battery on and off
- 5. AC power button:** Turns power to the AC ports on and off
- 6. AC output socket:** Functions like a standard wall outlet; you can use these ports to power most electronic devices
- 7. Pairing indicator:** When flashing, the device is ready for Bluetooth pairing
- 8. USB-A fast charging output port:** Powers smaller electronic devices like smartphones, tablets, and computers; can charge devices more quickly than standard USB-A ports
- 9. Main power button indicator:** Light indicates whether the battery is on or off
- 10. USB-C 100W output port:** These ports can charge and power devices that require more power than a USB-A port, like laptops
- 11. AC output socket:** This socket is different from a regular wall outlet; it's typically used with RVs or trailers
- 12. AC charge speed switch:** This toggle controls how quickly your battery charges when plugged into a wall socket
- 13. Solar/car charging input port:** This port allows you to charge the battery from a solar panel or car
- 14. X-Stream charging input port:** You can charge the battery by using this port and your AC cable to plug the battery into a standard wall socket
- 15. Overload protection switch:** If the battery overloads, it will automatically shut itself off for safety purposes; if the battery overloads, you'll need to reset this switch to turn the battery back on
- 16. Extra battery port:** If you own multiple batteries and want to link them together, you can use these ports to do so



1. **Anderson port:** An alternative DC port, commonly used to power RVs and trailers for camping
2. **12V DC power button:** Turns power to the DC ports on and off
3. **IOT button:** You can use this button to connect with the app, or to switch between an IOT and a direct connection
4. **Pairing button:** If you have a remote control (sold separately), you can pair it with the battery by pressing this button
5. **Car outlet:** Powers any devices that use a car outlet (i.e., a cigarette lighter style charger)
6. **DC5521 output port:** Powers any devices that require a DC5521 port
7. **Remote control port:** If you have a remote control (sold separately), you can connect it with an ethernet cable here
8. **Bluetooth standby switch:** With this switch turned on, you can control the battery from the EcoFlow app even when the battery's power is off (when on, this will slowly drain the battery)
9. **Infinity port:** If you have an infinity cable (sold separately), you can use this port to connect it directly to a Smart Home Panel

# Features & Specs

## Battery Features

Feature	Specs	What this means (plain language explanation)
Type of battery	LiFePO4 (Lithium Iron Phosphate)	As compared to other common types of power backup systems, this type of battery lasts longer and is more resilient, which is important in emergency situations.
Cycle life	3,500	This is the number of times the battery can be charged. This means the battery should last approximately 10 years.
Depth of discharge	100%	This is how much the battery can be drained without causing damage over time. It's recommended that you only drain it 80-90%, but you can drain it 100% occasionally without damage.
Stability	68-122 degrees Fahrenheit	This is how the battery performs at elevated temperatures: it does not overheat; not flammable. However, prolonged exposure to extreme temperatures can cause damage; store the battery in a cool and dry place when not in use.
Battery Management System (BMS)	N/A	The EcoFlow battery has extra safety features that prevent it from short-circuiting or causing fires. The battery cells also come in an explosion-proof stainless steel casing.
Uninterrupted Power Supply (UPS)	N/A	The UPS feature means that the battery will switch from wall power to the power backup system seamlessly when the power goes out.
App Control	EcoFlow App	App control is the ability to view and change settings on the power backup system from a mobile device.
LCD Display	N/A	The LCD display provides information about the remaining battery capacity

## Charging speeds

Feature	Max input	What this means (plain language explanation)
AC Wall Power	1800 watts	When plugged into a wall outlet, the battery should take 2.7 hours to fully charge.
Solar Panels	1600 watts	When plugged into a solar panel, the battery should take 3 hours to fully charge.
DC Charging (car battery)	120 watts	When plugged into a running car, the battery will take 25+ hours to fully charge (not recommended).
Wall + Solar combined charging	3400 watts	When plugged into both a wall outlet and a solar charger at the same time, the battery should take 2 hours to fully charge.

## Outlets and ports for powering devices

Feature	Specs	What this means
AC Outlets	4 x 120V, 20A 1 x TT-30, 30A	AC outlets look and function like a standard wall outlet. You can use them to power most electronic devices.
USB Ports	2 x 100 watt USB-C (Really Fast) 2 x 18 watt USB-A (Fast) 2 x 5v/3A USB-A	USB ports are standard cable connections for charging and powering smaller electronic devices like smartphones, tablets, and computers.
DC Outlets	1 x 12V, 10A 1 x 12V, 30A (Anderson Outlet)	DC outlets are a less standard outlet that can be used for specific devices. The DC outlets included on this battery are Anderson outlets, and are commonly used to power RVs and trailers for camping.

## Capacity & efficiency

<b>Feature</b>	<b>Specs</b>	<b>What this means</b>
Battery capacity	3600 watt hours	This is how much energy the battery can technically store.
Efficiency	3,170 watt hours (~88%)	This is the power the battery can actually provide. In other words, this is how much power you can expect to be able to use from a fully charged battery.
Power	3600 watts	This is the amount of power output the battery can sustain until it runs out of charge.
Surge Power	7600 watts	This is the maximum power output for short bursts. If the surge exceeds 7600 watts, the battery will automatically shut off.
Expandable	25,000 Wh	You can purchase and connect additional batteries to increase your total power capacity.