



EcoFlow 980Wh Portable Power Station

The best lithium-ion starter power station for home backup

About EcoFlow

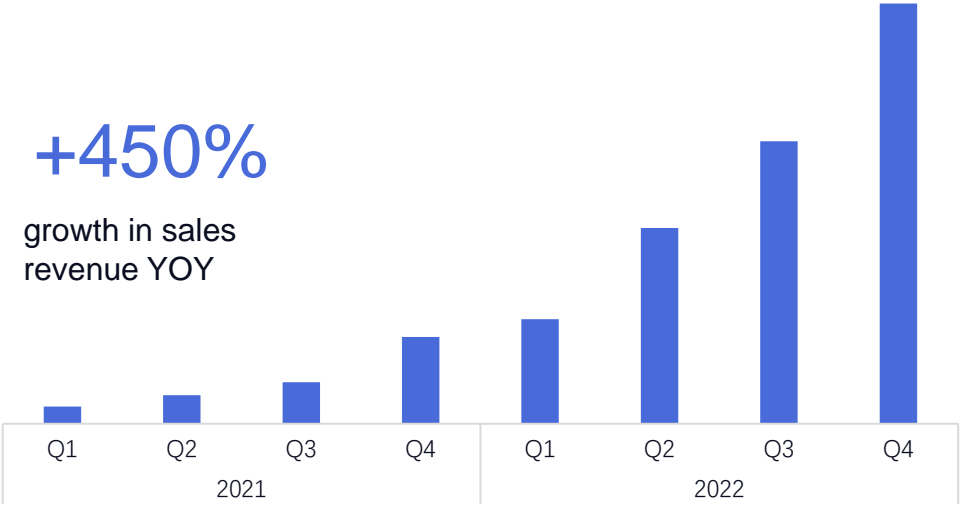
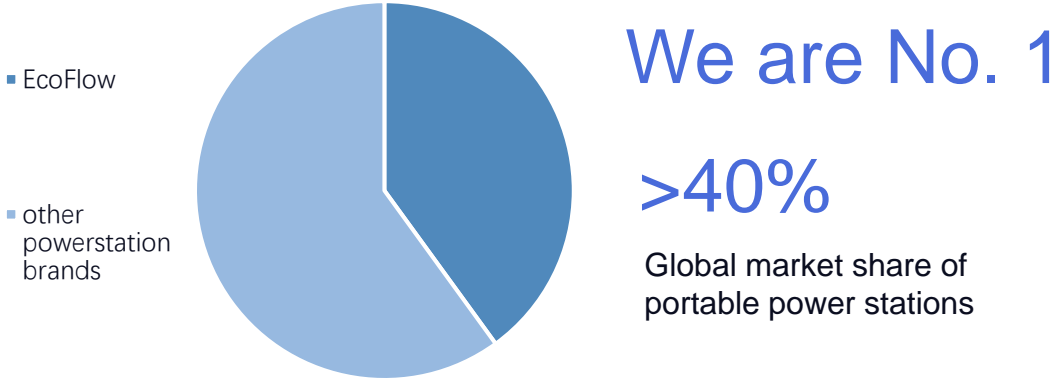
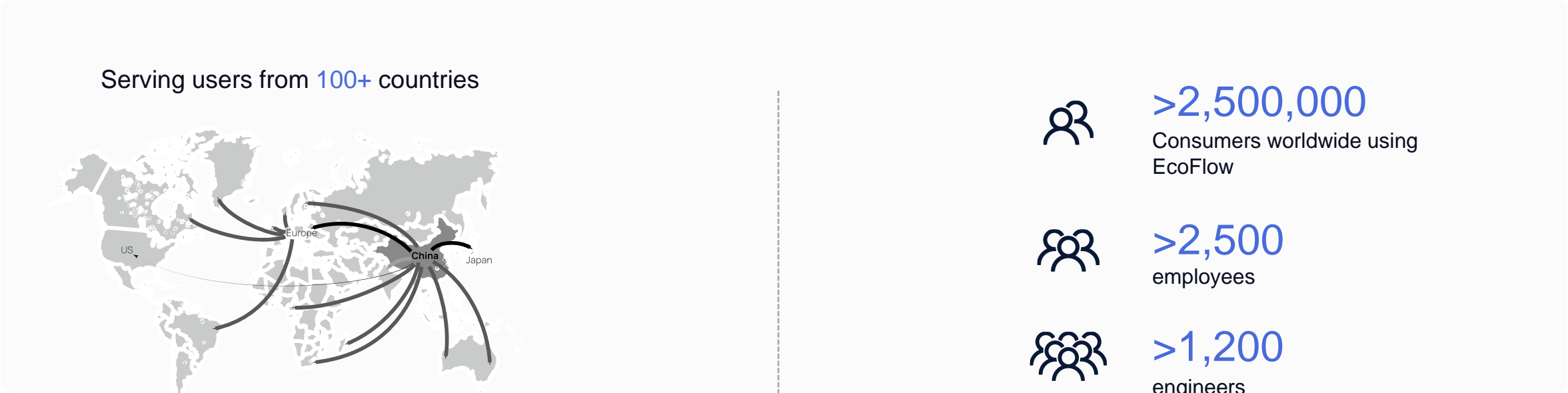
How It All Started

In 2017, a multidisciplinary team of engineers, with vast experience and expertise in the battery industry, formed EcoFlow. United in the belief that access to power is a fundamental human right, the group began developing solutions to relieve global populations from power insecurity. Today, as an eco-friendly energy solutions company, EcoFlow leads the way with industry-defining portable power stations, solar technology, and the world’s first portable home battery with an expandable ecosystem for home power independence.



Note: Data collected by November 2022.

A fast-growing business. A well-established brand.



Product Line: Power Storage



2017

RIVER

Launched First Power Station RIVER at CES



2019

DELTA

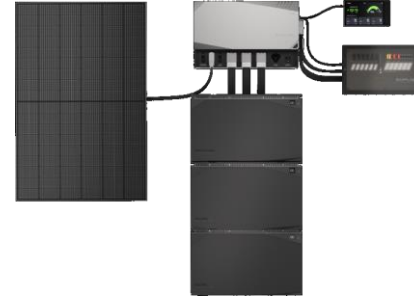
First Portable Power Station with X-Stream, broke Makuake's record for the most funded crowdfunding project



2021

DELTA Pro
Smart Home Panel

First portable home battery with an expandable ecosystem, named as [TIME's 100 Best Inventions of 2021](#)



2022

Power Kits

World's first all-in-one modular [off-grid](#) home solar storage system



2023

PowerStream
PowerOcean Series

- [Power independence for every home](#)
- 1st balcony power plant with storage
 - Home solar storage solution
 - Retrofit battery storage solution

Recognized in the Press

Bloomberg

“EcoFlow is among a number of tech startups that have a particular strength that can make them competitive on the global stage.”

Forbes

“EcoFlow Tech is the real deal. It’s something you might want to think about keeping on hand...”

CNN underscored

“Best medium-capacity and high-capacity solar generator: EcoFlow DELTA 2 & EcoFlow DELTA Pro”

THE VERGE

“EcoFlow’s portable power solutions are both thoughtful in design and sustainable.”

B B C

“There are definitely some energy positives (in EcoFlow’s products). The uses of fast charging LFP 4-battery system were generated before the current energy crisis, its time may just have come.”

MLIO MAKE USE OF

“This is the next-generation of portable power stations from EcoFlow, a product the company hopes will set a new benchmark for the industry.”

stern

“Powerbox EcoFlow DELTA 2 – ungeahnte Power in dieser Klasse”

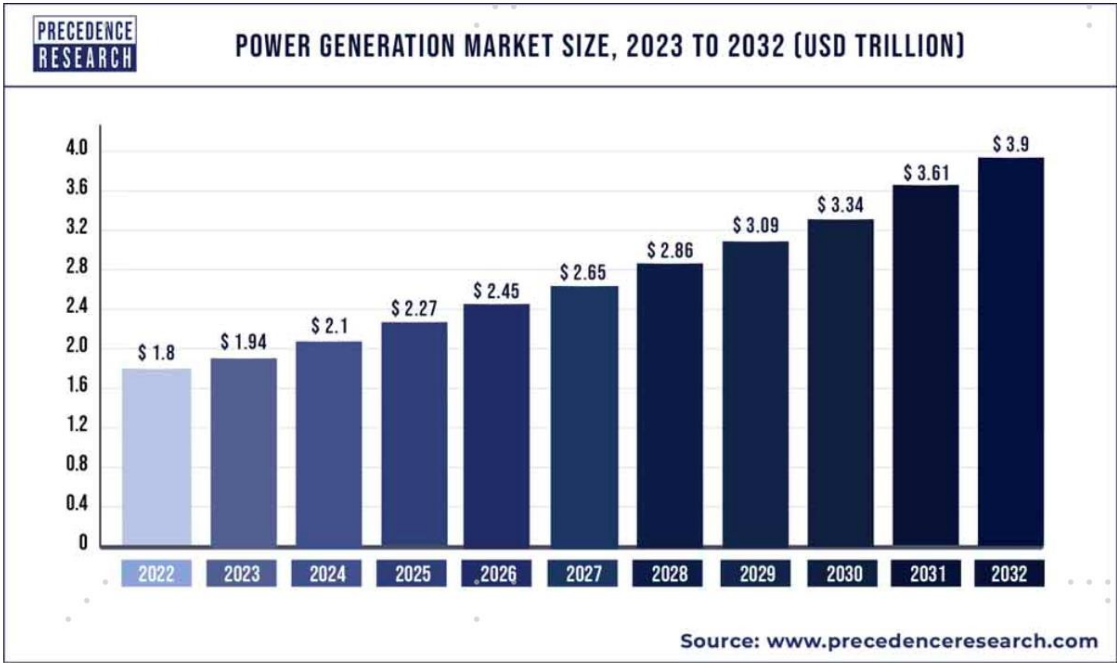
FRANDROID

"huit meilleures nouveautés à retenir de l'IFA 2022"

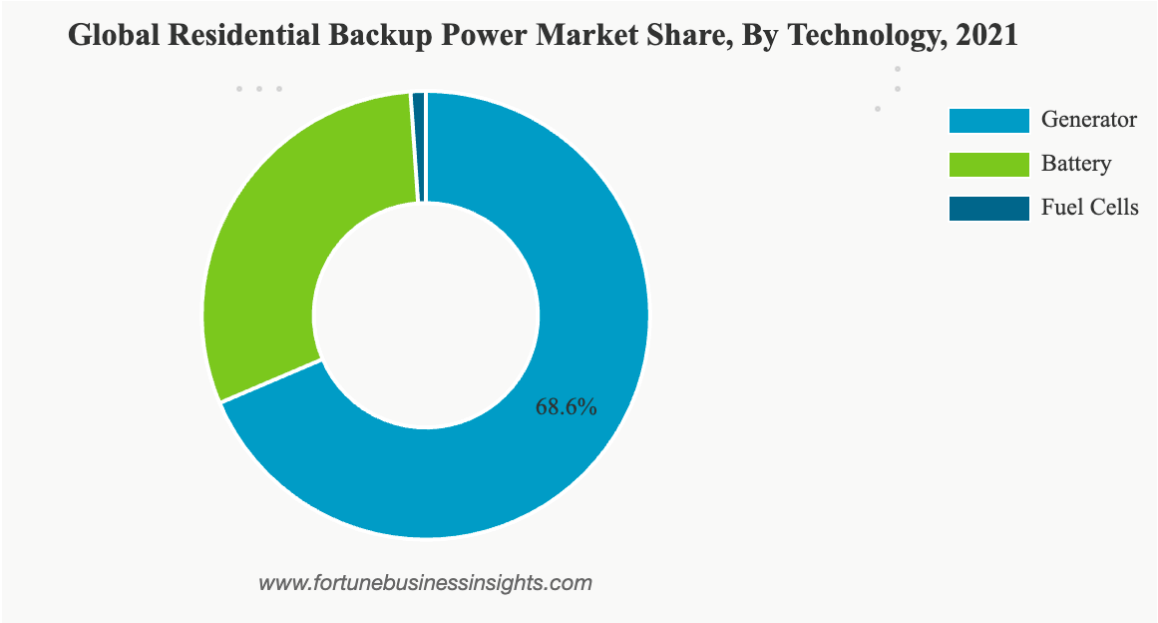
The best lithium-ion starter power station for home backup

Industry Trends

The power backup market is on the rise, but the high initial cost of lithium-ion batteries hinders its growth in the residential backup power market.



<https://www.precedenceresearch.com/power-generation-market>



<https://www.fortunebusinessinsights.com/portable-power-station-market-105508>

Consumer pain points for home back solutions

Hard to balance capacity and budget for portable power stations

High-capacity lithium-ion portable power station can be costly. To mitigate this, consumers opt for a more affordable battery and tolerate inconvenience.

Short lifespan of lead-acid batteries

Traditional lead-acid batteries typically have a short lifespan and come with a limited warranty, need replacing every 2 years.

Frequent power outages coupled with unreliable alerts

Unable to fully charge the battery between two power outage interval

Unintelligent power usage

Unable to know the remaining batter level and plan for rational use.

The solution EcoFlow offers

The best lithium-ion starter power station for home backup

Best price per kilowatt-hour	Industry-leading battery lifespan	Quick charge speed	Smart control
The best balance between capacity and budget	Adopt LiFePO4 battery for extended battery lifespan	Fully charge the battery between 2 power outage intervals	Clear power status at a glance and customized control
EcoFlow 980Wh Portable Power Station	EcoFlow 980Wh Portable Power Station	EcoFlow 980Wh Portable Power Station	EcoFlow 980Wh Portable Power Station
\$0.3/Wh*	10 years	0-100% in 2 hr	LCD screen, app
VS	VS	VS	VS
Other portable power stations	Acid-lead battery	Acid-lead battery	Acid-lead battery
around \$0.95/Wh*	2-4 years	3-5 hr	no screen, no app

The best lithium-ion starter power station for home backup



EcoFlow 980Wh Portable Power Station is designed for families dealing with frequent power outages.

Its ample capacity, affordable price, durability, and intelligent features make it the perfect choice for home power backup.

It ensures uninterrupted daily power usage without inconvenience. You won't have to compromise on your daily power usage or endure inconvenience.

Key Features

- **1 kWh cost-effective battery**
- **<30 ms auto-switch for uninterrupted power**
- **15 output ports and 4 ways to charge (快充)**
- **LiFePO4 battery for 10 years use**
- **Lightweight and easy-to-use**
- **In control with an app and LCD screen**

1 kWh cost-effective battery

Cover all your essential power needs for 1-2 days

1 kWh capacity is sufficient for charging your daily appliances for 2-3 days, ensuring temperature control, communication, working and food storage.

Runtime of essential appliances

Appliance	Watts/Wh	Runtime	
Phone	11Wh (Type-C)	89.0	times
Laptop	60Wh (Type-C)	16.0	times
Light	10W (DC)	98.0	hrs
Wi-Fi Router	10W (AC)	58.0	hrs
Computer Monitor	30W (AC)	30.0	hrs
Fan	40W (AC)	17.0	hrs
50" TV	110W (AC)	7.9	hrs
Fridge	120W (AC)	7.0	hrs
Washer	400W (AC)	2.5	hrs
Air Conditioner	500W (AC)	1.8	hrs

LiFePO4 battery for 10 years of use

Extremely low cost per use

3000 cycles to 80% capacity

The EcoFlow 980Wh Portable Power Station, featuring enhanced LFP battery technology, supports over 3000 charge cycles. This equates to nearly a decade of reliable performance, assuming it's used six times weekly. With LFP cells, EcoFlow 980Wh Portable Power Station is safe and durable even in warm temperatures.

Cost per use

EcoFlow 980Wh Portable Power Station	VS	Other power stations	VS	Acid-lead battery	VS	Traditional generator
\$0.4/use		\$0.58/use		\$0.54/use		\$1.05/hour
3000 cycles		3000 cycles		500 cycles		1000 hours

7-layer BMS battery protection

The advanced Battery Management System (BMS) in EcoFlow 980Wh Portable Power Station safeguards against over-voltage, overloading, over-temperature, short circuits, low temperature, low voltage, and overcurrent, enhancing its lifespan with comprehensive protection.



15 output ports and 4 ways to charge

Charge and recharge at your convenience

EcoFlow 980Wh Portable Power Station comes with robust charging and recharging features. It offers 11 output ports, making it possible to charge most home devices.



15 output ports and 4 ways to charge

Charge and recharge at your convenience

EcoFlow 980Wh Portable Power Station can be charged via power outlet, solar panel, generator, or car charger. With a full power outlet/generator charge achievable in just 2 hours, it ensures quick top-ups before the next power outage.

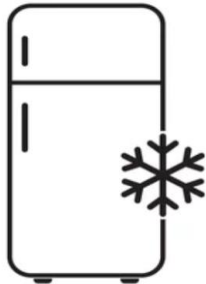


30 ms auto-switch for uninterrupted power

Continuous power supply for critical appliances

Sudden power outages can cause critical appliances to lose power supply. By connecting your appliances to EcoFlow 980Wh Portable Power Station and then linking EcoFlow 980Wh Portable Power Station to the grid, it will automatically switch to EcoFlow 980Wh Portable Power Station within 30ms during a power outage, a transition you won't even notice.

This seamless switch ensures continuous power supply to household appliances like the fridge, TV, light, and security camera, even when you're not at home or asleep.



Fridge



TV



Light



Security camera

Lightweight and easy-to-use

Plug-and-play, charge anywhere

Compared to lead-acid batteries, EcoFlow 980Wh Portable Power Station stands out for its lightweight design. Its portability means you can effortlessly move it from the dining room to the bedroom, or even outdoors for travel or farming.

EcoFlow 980Wh
Portable Power Station

VS

Other power stations

VS

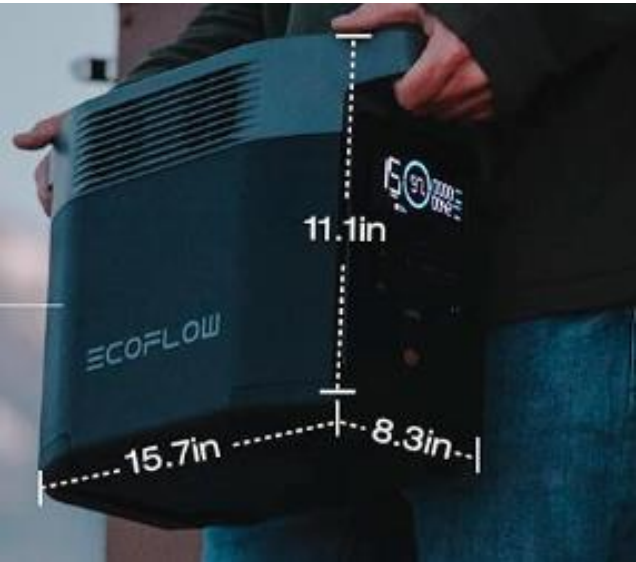
Acid-lead battery

Weight

12 kg

45% lighter

56% lighter



Lightweight and easy-to-use

Plug-and-play, charge anywhere

The EcoFlow 980Wh Portable Power Station is plug-and-play, as simple to use as a home wall outlet, and even the elderly and children can operate it with ease

EcoFlow 980Wh Portable Power Station

vs

Acid-lead battery

Plug-and-play

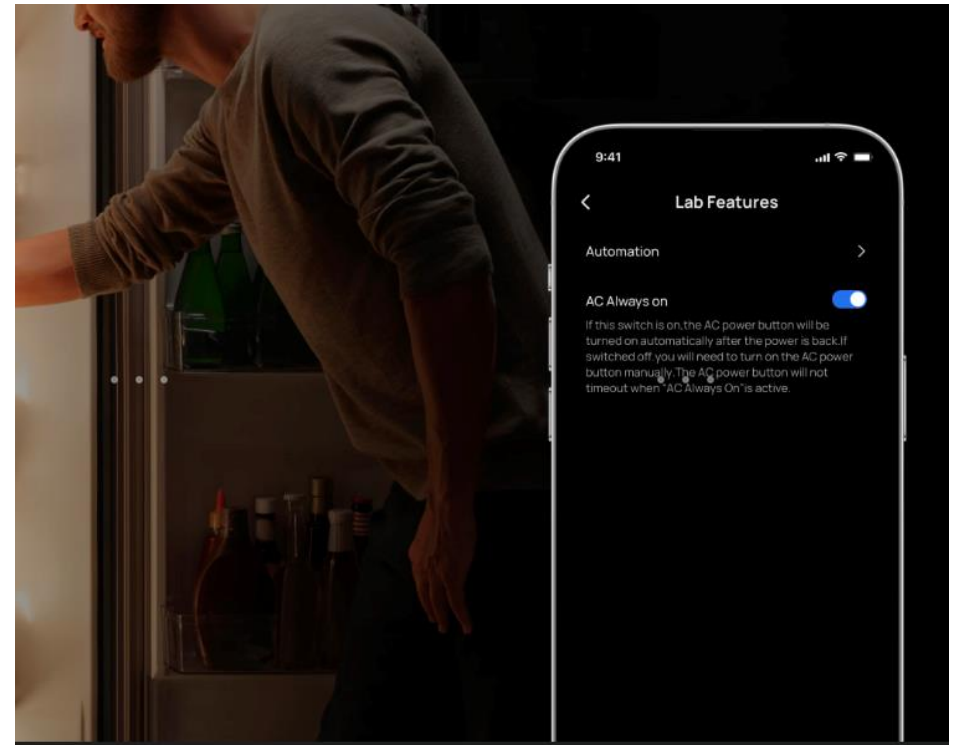
Complex wiring connections



In control with an APP and LCD Screen

Monitor, control, and customize your power usage intelligently

Get real-time energy insights with the app and LCD screen, allowing you to plan power usage wisely. With the EcoFlow app, remotely control EcoFlow 980Wh Portable Power Station via Wi-Fi connection, customize charging speed, and set timed charging and recharging.



Specifications

Product Name		EcoFlow 980Wh Portable Power Station
Capacity		980Wh
Battery Chemistry		LiFePO4, 3000+ cycles to 80% capacity
Output	AC Output	Low voltage: 6 ports High voltage: 4 ports Rated power 500W, X-Boost up to 1000W
	USB-A Output	4 ports, including 2 x 18W each, 2 x 12W each
	USB-C Output	2 ports, 100W
	Car Output	1 port, 12.6V, 10A, 126W max
	DC5521 Output	2 ports, 12.6V, 3A, 38W max each
Input	AC Recharge	0-100% in 2 hr
	Solar Recharge	11-60V, 15A, 500W max, 0-100% in 2.9 hr
	Car Recharge	12V/24V, default 8A, 0-100% in 11 hr
General	App	Bluetooth/Wi-Fi
	UPS	<30 ms
	Dimension	15.7 x 8.3 x 11.1in / 40 x 21.1 x 28.1cm
	Net Weight	12 kg
	Warranty	2 year

Thank you for watching!