A New Energy Experience

AMBEROCK

Portable power supply

AR2000



Charging versatile, Powerful to the point of being friendless

× 4	× 2	× 1	× 4
USB-C	USB-A	Wireless charging	AC port

6 types of interfaces can simultaneously power up to 13 devices, catering to various scenario needs.



Core is tough, truly stable.

UN38.3

AR 2000 is compliant with the EU's New Battery Regulation (EU) 2023/1542 and meets more than 40 international standards. The battery cells have undergone multiple rounds of rigorous tests, including needle penetration, hermal propagation, crushing, and drop, fully ensuring your power safety.



Fear no awkward silence, call now.

-20℃
Minimum operating temperature

40℃
Maximum operating temperature

Built-in heating film, supports charging and discharging heating, can achieve your electricity freedom even in low-temperature conditions.



Energy at your fingertips.

The AR2000 remote control and management support functions are implemented through the Voltdeer App:

- Monitor device data such as battery level, remaining usage time, and input/output power.
- Receive real-time alerts for warning and protection information.
- Perform OTA firmware upgrades for the device.
- Customize AC switch, charge-discharge timing functions, etc., to create your exclusive power usage plan.



Long-lasting battery life, a reliable partner.

Built-in $LiFePO_4$ battery, cycle life up to 3000+.

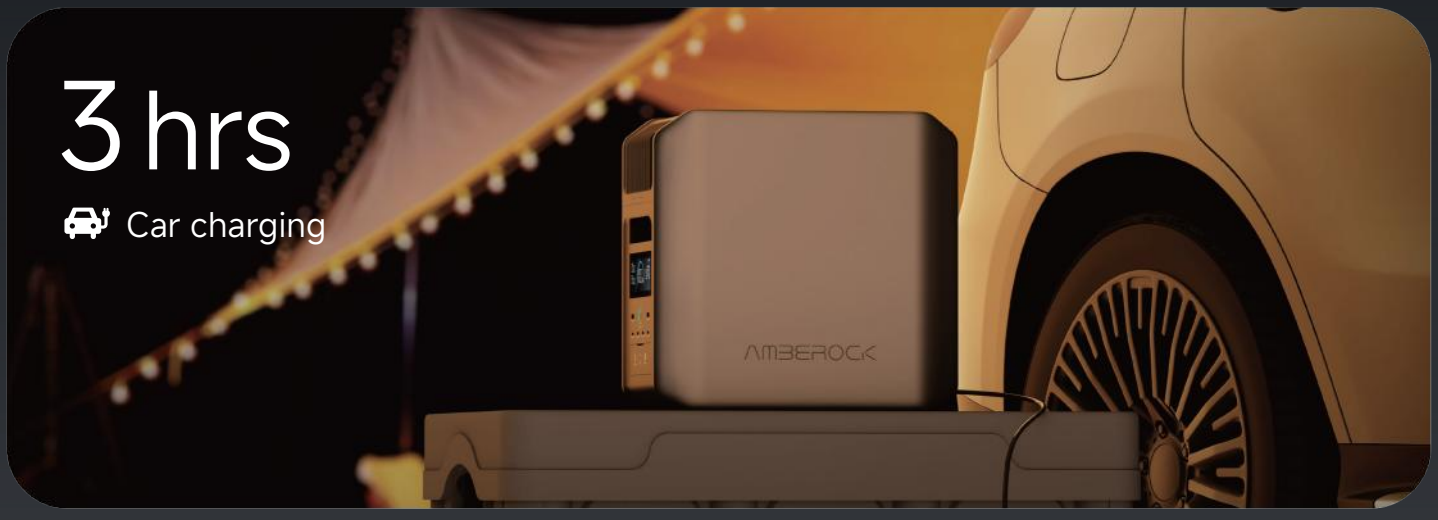


3000+

Travel, even better.







2400Wh large capacity.

Mobile phone
3300 mAh
Charges about
180 times

Game console
15 Wh
Charges about
144 times

Laptop
60 Wh
Charges about
36 times

Drone
20 Wh
Charges about
108 times

Camera
8 Wh
Charges about
270 times

Flashlight
5 W
Approximately
432 hours

Car refrigerator
60 W
Approximately
36 hours

LCD TV
100 W
Approximately
21.6 hours

Coffee machine
800 W
Approximately
2.7 hours

Handheld drill
1000 W
Approximately
2.16 hours



Expand freely, double the energy.

With the extended battery pack EZ2000, the total capacity can be increased to a maximum of 4.8 kWh.



AR2000
2400 Wh

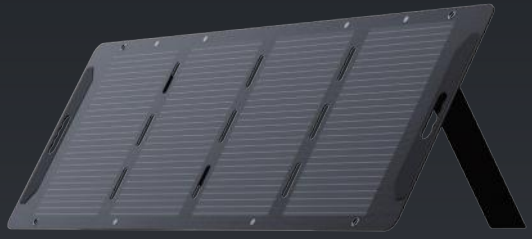


EZ2000
2400 Wh

Optional accessories



Storage bag



Solar panel



Pulley

Specification table

Battery	
Capacity	2400 Wh
Type	Lithium Iron Phosphate

Basic Information	
Dimensions (L × W × H)	390 × 230 × 375 mm
Weight	26.5kg
Protection Level	IP20
Cooling Method	Forced air cooling
Communication	RS485, CAN, WiFi, BLE
Cycle life (25 °C, 80%EOL) >	>3000
Extension Pack	Supports
App	Android, iOS
Certification	RCM, CE, UN38.3UL

Output	
AC Output (x 4)	230 V~10 A, 2200 VA(rated), 4000 VA (peak)
Cigarette Lighter Output (x 1)	12 V ⎓ 10 A
USB-A output (× 2)	12 V⎓2 A/9 V⎓2.5 A/5 V⎓3 A, 24 W Max
USB-C output (x 4)	20 V⎓5 A/20 V⎓3 A/15 V⎓3 A/12 V⎓3 A/9 V⎓3 A/5 V⎓3 A, 105 W Max
Expansion interface output (x 1)	48 V⎓40 A, 2000 W Max
Wireless charging output (x 1)	15 W Max

Input	
Solar input	800 W, 12 V~60 V ⎓25 A Max
Car charger input	11 ~ 14 V（12 V platform）⎓ 8 A 2128 V (24 V platform) ⎓ 8 A
Expansion interface input	54 V⎓30 A
AC input	220 V~240 V, 1800 VA Max

Environmental parameters

Discharge Temperature -	-20~ 40 °C
Charging Temperature	-20~ 40 °C *When the temperature is lower than 5°C, the heating film will automatically turn on to ensure normal charging and discharging of the battery.
Storage and transportation temperature	Short term: -20 ~ 40 °C Long term: 20 ~ 30 °C
Relative Humidity	0 ~ 85%(No condensation)
Altitude	≤ 2000 m

VOLTDEER

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There may be differences between the pictures in this manual and the actual product. Please refer to the actual product.
Information contained in this manual is subject to change without prior notice.

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