

Powered by  **PYLONTECH**

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B2B E-store

VOLTDEER

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Portable Power Station

Energy Freedom Anytime Anywhere





About Us

Shanghai Voltdeer Technology Co., Ltd. is a holding subsidiary of Pylontech, a publicly listed company on the A-share market (stock code: 688063). Leveraging its parent company's profound experience in the new energy storage sector for more than a decade, Voltdeer offers a range of innovative technology solutions, including lithium-iron phosphate batteries, balcony energy storage systems, portable power stations, diesel generator alternatives, and mobile emergency power supplies, all of which are certified to multiple major international standards. These certifications include European CE and CB, RoHS, EU Battery Regulation, Japan TELEC, and US UL. Currently, Voltdeer products are sold to Europe, America, Africa, Southeast Asia, and other countries and regions around the world.

Voltdeer keeps innovation in sales channels, product research and development, technology iteration, and production delivery, committing to providing individuals with intelligent and portable energy solutions, and continuously promotes a better life with energy freedom for humans.



Reciprocal
Cooperation



Product Research
& Development



Technology
Iteration



Production
Delivery

Global Layout

CN

US

DE

MM

BR

AU

PH

JP



International Certification



AR2000

Portable Power Station



Charging

Charging Method	AC, PV, 48V DC
AC Charging Power	1800W
PV Charging Power	800W
48V Charging Power	2000W

AC Output

Port Type and Number	Socket *4
Maximum Output Power	2200VA
Output Voltage	230V±5%
Output Frequency	50Hz
Overload Capability	105%-120% overload for 10s

Cigarette Lighter

Maximum Output Current	10A
Over-current Protection	12A

USB

Port Type and Number	Type-C*4, Type-A*2
Output Power	Type-C, Max 100W Type-A, Max 24W

Wireless Charging

Output Power	Max 15W
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Structure

Dimensions	390*230*375mm (15.4*9.1*14.8in)
Weight	26.5kg (58.5 lbs)
IP Rating	IP20

Environmental Parameters

Charging Temperature	-20°C~55°C (-4°F~131°F)
Discharging Temperature	-20°C~60°C (-4°F~140°F)
Storage Temperature	20°C~30°C (68~86°F)
Relative Humidity	5~85% (no condensation)
Altitude	≤2000m (6561.68 ft)

Communication

Communication method	CAN、RS485、WIFI、Bluetooth
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Cycles

Cycle Count	3000
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Certification

Certification	CB、CE、REACH、WEEE、(EU) 2023/1542、POPS、UL、FCC、IC、CA65、DOE、CEC、TPCH、RCM、EMC、WPC、ICASA、LOA、UN38.3
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EZ2000

Portable Power Station



Battery	
Rated Capacity	50Ah
Nominal Voltage	48V
Rated Capacity	2400Wh
Type	LiFeO4
Operating Voltage Range	43-54V
Maximum Continuous Charge Current	50A
Maximum Continuous Discharge Current	50A
Low Temperature Heating Function	Yes
Cycle Count	6000
Structure	
Dimensions	384*208*328mm (15.2*8.2*13in)
Weight	21kg (46.3 lbs)
IP Rating	IP65
Environmental Parameters	
Operating Temperature	-20°C~60°C (-4°F~140°F)
Relative Humidity	5~95% (no condensation)
Altitude	≤2000m (6561.68ft)
Communication	
Communication method	CAN, RS485
Certification	
Certification	RoHS2.0, CE, CB, EMC, UN38.3