

ECOX 500 Power Station



Introduction

Ecox 500 power station, a powerful Lithium Iron Phosphate portable energy storage system (PESS) wrapped up in a sleek and lightweight carry case. It has 473Wh LiFePO4 battery that can be combined with Ecox 500 mini power station as a mainframe to double the capacity!

Features



Accurate

- Excellent Cell Consistency
- Non-destructive Safety Detection Technology



Stable & Reliable

- Efficient Thermal Management
- High durability of components



Scalable

- Can be combined to double capacity



Lightweight & durable

- 9.6L volume
- 6.2Kg weight
- Easy to carry and use in the field.

Ecox 500 Specs

Battery

Capacity	473WH (37AH)
Type	LiFePo4

Charging

Standed Charging Port	11VDC~28VDC/Max.4A
Fast Charging Port	14.5VDC~15VDC/Max.12A
Type-C Port	Max.20VDC/5A

AC Output

Max.Output Power	500VA
Output Voltage	230VAC/100VAC ±5%
Output Frequency	50Hz @ 230VAC / 60Hz @ 100VAC

DC-JACK

Max.Current	2 PORTS, 5A in total
Ports Number	1Group × 2 Ports

USB

Connection	USB-A×2 / Type-C×1
Output Voltage	USB-A: 5 VDC/9 VDC/12 VDC/20 VDC Type-C: 5 VDC/9 VDC/12 VDC/15 VDC/20 VDC
Input Voltage	Type C: 5 VDC/9 VDC/12 VDC/15 VDC/20 VDC
Max. Output Current	3A

Wireless Charging

Output Power	5 W/7.5 W/10 W/15 W
Field strength	80.85 dBuV/m@3 m (only for CE)
Frequency	110 kHz~148 KHz
Foreign Object Identification	Support

Structural Information

Dimension	11.93 in×7.8 in×6.3 in (303 mm×198 mm×160 mm)
Net Weight	Approx. 13.67 lbs (6.2 kg)
Protection Class	IP20
Cooling	Forced Air Cooling

Environmental Specifications

Charging Temperature	41°F ~ 104°F (5°C ~ 40°C)
Discharging Temperature	5°F ~ 104 °F (-15°C ~ 40°C)
Storage and Transportation Temperature	Short term: -4°F ~ 140°F (-20°C ~ 60°C) Long term: 68°F ~ 77°F (20°C ~ 25°C)
Humidity	0% ~ 85% (non-condensing)
Max. Altitude	6562 ft (2000m)