



PRODUCT OVERVIEW

The Envoltage EV-UPP-2500W portable power supply is the mobile power supply with the strongest energy storage capacity, with a larger capacity of 2048Wh (51.2V; 40Ah); it is also equipped with an excellent battery management system (BMS), through temperature control, voltage protection, overcurrent protection and short-circuit protection functions to protect the device.

FEATURES

- Output up to 16 devices
- UPS/Fast charging/APP
- Three charging methods: AC wall socket, solar panel, car socket
- Provide over-current, over-voltage, and over-temperature protection
- Environmental protection / airless / quieter / cost-effective
- Two power supplies can be connected in series

ADVANTAGES

- 2048Wh Capacity | 2500W AC Pure Sine Wave Inverter (5400W Surge)
- LiFePO4 Battery with 3,500+ Life Cycles to 80%
- Expandable Up to 10.24kWh with B2*4
- 15 Outputs For Multiple Devices
- Smart HD LCD display
- Fastest Charging Speed: Fully charge in 0.6 hours
- 3700W Max. Input charging speed
- Anderson Recharging Input
- Seamless UPS Backup (2500W Max)
- Smart Control & Monitor in OUPES App

DISCHARGE CAPABILITIES

- Laptop (58W) – 30+ hours
- Mobile phone (15Wh) – 110+ charges
- Fan (55W) – 35+ hours
- Refrigerator (360W) 5+ hours
- Microwave (700W) 2.8+ hours
- Air Conditioner (1800W) – 1+ hours
- Coffee Maker (1000W) – 1.8+ hours

Product Description

PART#	DESCRIPTION	CAPACITY	INPUT	AC OUTPUT
EV-S2 (MEGA 2)	Portable Power Station	2048Wh	100~120VAC 16A Max 1600W Max	4X120V/2500W

Specifications

MODEL#	EV-S2 (MEGA 2)
CAPACITY	
Capacity	2048Wh
BATTERY	
Battery Chemistry	LFP(LiFePO4)
Cycle Life	3,500+ cycles to 80% capacity
UPS	20ms
BMS	Yes
OUTPUT	
AC Output	4X120V/2500W
DC Output	2X5.5mm DC Output 12V/10A
USB-A	4 X QC3.0 18W Max
USB-C	5V/3A:9V/3A:12V/3A:15V/3A:20V/5A (100W Max)
AC TT-30 Output	120V/2500W
Car Power Output	12V/10A
Anderson Output	12V/30A
INPUT	
Fast AC Charge Input	100~120VAC 16A Max 1600W Max
Slow AC Charge Input	100~120VAC 16A Max 800W Max
Solar Input	12~150VAC 15A Max 2100W Max
SMART CONTROL	
Connectivity	Bluetooth, Wifi
App Control	Yes
Amazon Alexa & Google Assistant	Yes
GENERAL	
Net Weight	45.81b.
Dimensions	18.1*10.6*12in
Operating Temperature	0°C~40°C/30°F~104°F
Certification	UN38.3.MSDs
Warranty	3 years

Product Images



Product Features

