



3
YEAR
WARRANTY

PRODUCT OVERVIEW

The Envoltage EV-S2-BAT (B2) extra battery has a large capacity of 2048Wh (51.2V; 40Ah); it is also equipped with an excellent battery management system (BMS), thorough temperature control, voltage protection, overcurrent protection and short-circuit protection functions to protect the device.

FEATURES

- Output up to 10 devices
- Provide over-current, over-voltage, and over-temperature protection
- Environmental protection / airless / quieter / cost-effective

ADVANTAGES

- Smart App Control
- Portable RV Power
- Charge Anytime, Anywhere
- Safety LiFePO4 Battery
- 1*12V30A Anderson Output
- 2* USB C PD100W Output
- 4* USB A 18W Output
- 1* 12V 10A Car Cigarette Output
- 2* 12V 10A DC5521 Output
- Capacity 2048Wh
- Max 15pcs connect together
- Support MPPT Solar input 12-140V 15A 2100W Max
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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-BAT (B2)
CAPACITY	
Capacity	2048Wh
BATTERY	
Battery Chemistry	LFP(LiFePO4)
Cycle Life	3,500+ cycles to 80% capacity
UPS	20ms
BMS	Yes
OUTPUT	
DC 12V& Car lighter Output	12V/10A
USB-A Output	5V/3A; 9V/2A; 12V/1.5A [18W Max]
USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A [100W Max]
Anderson Output	12V/30A
INPUT	
PV (Anderson) Input	12~150VDC MPPT:18V-140V 15A Max 2100W Max
GENERAL	
Net Weight	41.81b.
Dimensions	18.1*10.6*10.0in
Operating Temperature	0°C~40°C/30°F~104°F
Certification	UN38.3.MSDs
Warranty	3 years

Product Images



Product Features

12V/30A Anderson Output
PD 100W Max USB-C Output Port*2
18W Max USB-A Output Port*4

Expansion Power Port*2



Car Charger Output Port
DC 5521 Output Port
PV Input