

# E-BOX 12100



## Features



### Powerful

- 1C Discharge Rate, Continuous Output Power



### Reliable

- Self-designed & Field-proven BMS



### Long-lasting

- $\geq 4000$  Cycles @ 80% DoD



### Scalable

- Easy to Expand Up to 20.48kWh



### Closed Loop Compatible

- Closed Loop Communication with Victron inverter



### Wide Applicability

- High Ingress Protection Level Enriches More Applications: Rv, Golf Cart, Yacht...

# E-BOX 12100 Specs

## Electrical

Nominal Capacity	100Ah
Nominal Voltage	12.8V
Voltage Range	10.8V~14.4V
Maximum Continuous Charging Current	50A
Maximum Continuous Discharge Current	100A
Cycle Life	4000 Cycles(@80%DoD)

## General

Dimension(W x D x H)	12.6 x 6.5 x 7.9inch / 320 x 166 x 200mm
Weight	33.6lbs / 15.2kg
BMS Communication System Connection	RS485/CAN
Ingress Protection	Up to 2S8P/16P
Warranty	IP65
Heating Pad (Integrated)	5 Years
Operating Relative Humidity	Temperature Rise: 18°F/h/10°C/h
Altitude	Operating Temperature: <41°F/5°C
Operating Temperature	0%~95%RH, No Condensation
	<13123.35ft/4000m
	Charge:32°F~122°F/0°C~50°C
	Discharge:14°F~131°F/-10°C~55°C

## Certification

Cell: UL 9540A, UL 1973  
Module: UN38.3, CE, IEC62619

## Inverter Compatibility List



**Pytes**

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