

E-BOX 12100



Features



Powerful

- 1C Discharge Rate, Continuous Output Power



Reliable

- Self-designed & Field-proven BMS



Long-lasting

- ≥ 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 Cycle(@ 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



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