

E-Box 12100



Features



Powerful

- 100A Continuous Discharge Current



Safe

- Field-proven BMS



Long-lasting

- ≥ 4000 Cycles @ 80%DOD



Scalable

- Easy to Expand Up to 19.2kWh, Maximum 2 in Series per 8 in Parallel



Smart

- Remote Monitoring & Upgrading



Reliable

- Heating Pad Integrated for Wider Operation Temperature

5 Years Warranty

CE UN38.3

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)

Environment

Working Temperature	-10°C~55°C / 14°F~131°F
Storage Temperature	Within 1 month: -20°C~55°C / -4°F~131°F, 1-3 months: 0°C~35°C / 32°F~95°F, 3-12 months: 20°C~25°C / 68°F~77°F
Operating Relative Humidity	0%~95%RH No Condensation

Structure

Dimension(W*D*H)	320 * 166 * 200 mm / 12.6 * 6.5 * 7.9 inch
Weight	15.2 kg / 33.6 lbs
BMS Communication	RS485 / CAN
System Connection	Up to 2S8P
Heating	Supported

Certification

UN38.3, CE, IEC62619

Warranty

5 Years



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