

E-BOX 4850



Features



Scalable

- From 2.4kWh to 115.2kWh



Compact, Flexible and Easy Install



Long-lasting

- ≥ 6000 Cycles @ 80% DoD



Wide Compatibility



Safe & Reliable

- Tier 1 Automotive Grade A LiFePO₄ cells
- Self-designed & Field-proven BMS

10 Years Warranty

  **UN38.3**

E-BOX 4850 Specs

Electrical

Nominal Voltage	48V
Voltage Range	45V~54V
Nominal Capacity	50Ah
Nominal Energy	2.4kWh
Recommended Charge/ Discharge Current	25A
Maximum Charge/ Discharge Current	50A

General

Chemistry	LFP
Communication Protocol	RS485/CAN
Dimensions (L x W x H)	440 x 410 x 89 mm (2U) / 17.3 x 16.1 x 3.5 inch
Weight	25 kg / 55.1 lbs
Ambient Temperature	-10°C~50°C
Round-Trip Efficiency	≥95%
Cycle Life*	≥6000Cycles
Warranty	10 Years
Connect style	Parallel
Storage Temperature	Within 1month: -20~55°C, 1-3months: 0~35°C, 3-12months: 20~25°C

* Test Condition 0.5C, 25°C @80%DoD

Certifications

UN38.3, CE, IEC62619, KC