

E-Box 4850G



Features



Scalable

- From 2.4kWh to 115.2kWh



Long-lasting

- ≥ 6000 cycles @ 80%DOD



Safe & Reliable

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



Compact, Flexible and Easy Install



Wide Compatibility

10 Years Warranty

CE UN38.3

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E-Box 4850G 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	CAN/RS485
Dimensions (L*W*H)	440 * 450 * 80 mm / 17.3 * 17.7 * 3.2 inch
Weight	23.5 kg / 51.8 lbs
Ambient Temperature	Charge: 0°C~45°C Discharge: -10°C~50°C
Round-Trip Efficiency	$\geq 95\%$
Cycle Life*	≥ 6000 cycle
Warranty	10 Years
Connect style	Parallel
Storage Temperature	Within 1month: -20~45°C, 1-3months: -20~35°C, 3-12months: 20~25°C

* Test Condition 0.5C, 25°C @80%DOD

Certifications

UN38.3, CE, IEC62619

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