

E-BOX 48100R



Features



Scalable

- From 5.12kWh to 245.76kWh



Compact, Flexible and Easy Install



Long-lasting

- ≥ 6000 Cycles @ 90%DOD



Wide Compatibility



Safe & Reliable

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

10 Years Warranty



CE CEC SGIP UN38.3

E-Box 48100R Specs

Electrical

Nominal Voltage	51.2V
Voltage Range	47.5V~57.6V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Recommended Charge/ Discharge Current	50A (2.56kW DC)
Maximum Charge/ Discharge Current	50A (2.56kW DC)
Peak Discharge Current	102A (5.22kW@15s)

General

Chemistry	LFP
Communication Protocol	CAN/RS485
Dimensions (L*W*H)	17.32 * 24.41 * 4.61 inch (2.6U)
Weight	112.5lbs
Ambient Temperature	14°F~122°F
Round-Trip Efficiency	≥95%
Cycle Life	≥6000cycle
Warranty	10 Years

Certifications

UL9540 Ed.2 (2020), UL9540A, UL1973, CEC, SGIP, OGPe