

# E-BOX 48100R (TE+)



## Features



### Scalable

- From 5.12kWh to 491.52kWh



### Compact, Flexible and Easy Install



### Long-lasting

- $\geq 6000$  Cycles @ 90% DoD



### Safe & Reliable

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

# E-BOX 48100R (TE+) Specs

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## 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 x W x H)	440 x 620 x 117mm (2.6U) / 17.3 x 24.4 x 4.6 inch (2.6U)
Weight	51 kg / 112.5 lbs
Ambient Temperature	-10°C~50°C / 14°F~122°F
Round-Trip Efficiency	≥95%
Cycle Life*	≥6000Cycles
Warranty	10 Years

\* Test Condition 0.5C, 25°C @90%DoD

## Certifications

UL9540 Ed.2 (2020), UL9540A, UL1973, CEC, SGIP, CE, IEC62619, UN38.3