Pytes

# Rack-Mounted LFP Battery Module

## E-BOX 48100R TE+

Tier 1
Automative Grade Cell

### Safe & Reliable

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

### Long-lasting

- ⩾6000Cycles @ 90%DoD

### Scalable

- From 5.12kWh to 491.52kWh

### Compact, Flexible and Easy Install

E-BOX 48100R TE+ Enclosures

**E BK1**

- Up to 6 × E-BOX 48100R
- Floor Mount
- SGCC

| Electrical | |
|---|---|
| Nominal Voltage | 51.2 V |
| Voltage Range | 47.5 V ~ 57.6 V |
| Nominal Capacity | 100 Ah |
| Nominal Energy | 5.12 kWh |
| Recommended Charge / Discharge Current | 50 A (2.56 kW dc) |
| Maximum Charge / Discharge Current | 50 A (2.56 kW dc) |
| Peak Discharge Current | 102 A (5.22 kW@15s) |
| **General** | |
| Chemistry | LFP |
| Communication Protocol | CAN / RS485 |
| Dimensions ( L x W x H ) | 17.3 x 24.4 x 4.6 inch (2.6 U) / 440 x 620 x 117 mm (2.6 U) |
| Weight | 112.5 lbs / 51 kg |
| Ambient Temperature | 14°F ~ 122 °F / -10 °C ~ 50 °C |
| Round-Trip Efficiency | ⩾ 95% |
| Cycle Life [1] | ⩾ 6000 Cycles |
| Warranty | 10 Years |
| **Certifications** | |
| Certifications | UL9540 Ed.2 (2020), UL9540A, UL1973, CEC, SGIP, CE, IEC62619, UN38.3 |

1. Test Condition: 0.5 C, 25 °C @90% DoD.

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Power a Better Life

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