E-BOX 48100R TE

Features

Scalable
- From 5.12kWh to 491.52kWh

Long-lasting
- ≥4000Cycles @ 90%DoD

Safe & Reliable
- LiFePO4 cells
- Self-designed & Field-proven BMS

Compact, Flexible and Easy Install

Wide Compatibility

CE UN38.3

E-BOX 48100R TE 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	100A (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	Charge:0°C~45°C / 32°F~113°F Discharge: -10°C~ 50°C(14~122°F)
Round-Trip Efficiency	⩾95%
Cycle Life*	⩾4000Cycles

* Test Condition 0.5C, 25°C @90%DoD

Certifications

IEC62619 / CE / UN38.3