

E-BOX-48100C



Introduction

E-BOXLV series of products are widely used in low-voltage household photovoltaic energy storage system and small industrial and commercial energy storage and power storage systems. It is lithium iron phosphate battery with BMS inside.

Features



Self-Consumption:
store excess energy generated by solar panels
and use it whenever needed



Electricity Bills Reduction:
charge the battery during off-peak period
and discharge the battery during peak period



Back-up Power Supply:
provide emergency power supply during grid blackouts.



Smart Energy Management:
Measure, Monitor and Manage the system in real-time.
Maximize the system life span by intelligent algorithms

Warranty 10years

CE E13 UL SAA **UN38.3** IEC62619

Technical Specifications

Product Name	LFP Battery Module
Model Number	E-BOX-LV48100C
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Unit Dimension	440mm* 480mm * 200mm (4.5U)
Unit Weight	50.6kg
Standard Charge Current	50A
Maximum Charge Current	50A
Standard Discharge	50A
Maximum Discharge Rate	70A
Cycle Life	≥6000cycles@0.5C/0.5C @90%DOD, ret@80%, 25℃
Round-Trip Efficiency	≥95%
Communication Protocol	RS232, RS485, CAN

