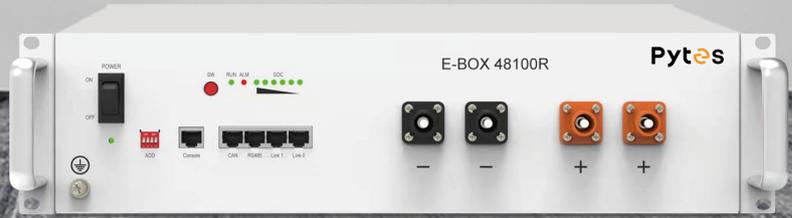


Pytes



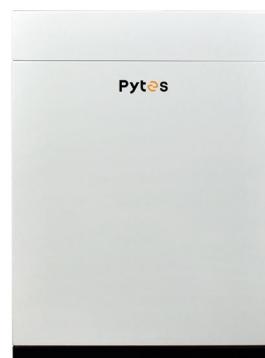
E-BOX-48100R

Battery Model	E-BOX-48100R
Chemistry	LFP
Nominal Voltage	51.2V
Voltage Range	47.5V-57.6V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Unit Dimension	L440mm* W620mm* H117mm (2.6U)
Unit Weight	51kg
Standard Charge Current	50A
Maximum Charge Current	50A
Standard Discharge	50A
Maximum Discharge Rate	50A
Round-Trip Efficiency	≥95%
Communication Protocol	RS232, RS485, CAN
Cycle Life	≥6000cycles
Calendar Life	≥10years
Operating Temperature	-10°C~50°C
Connect style	Parallel
Storage Temperature	Within 1month: -20~55°C, 1-3months: 0~35°C, 3-12months: 20~25°C
Certificates	IEC62619 / UN38.3 / CE / UL9540A

Bracket



- Easy installation and reduce costs
- Use it with single battery or multiple
- Take up less space and smooth ventilation



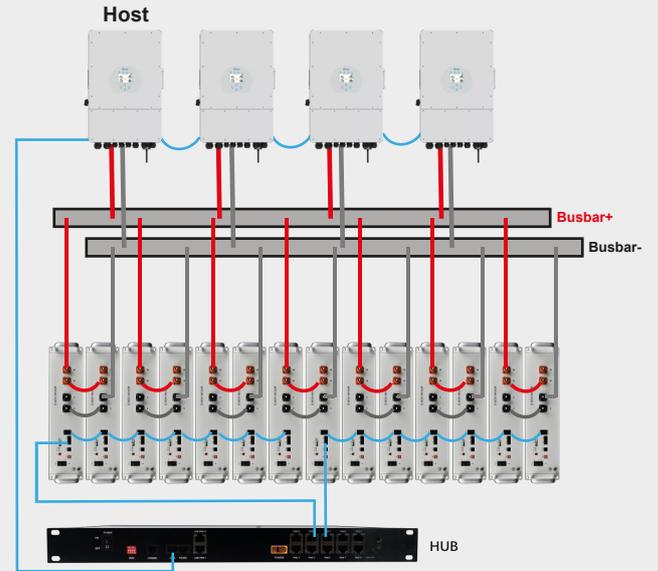
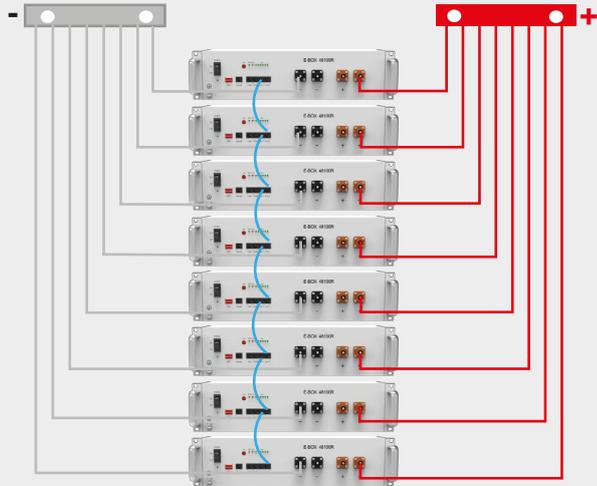
R-BOX

- Wall/ Floor mounted
- 10kwh total capacity can hold up 2 E-BOX-48100R batteries
- Easy installation, compact, elegant home style design and great extensibility
- Power sweet homes with clean energy, day and night

Battery Connection Diagram Guide

DC Negative Busbar

DC Positive Busbar



Case Study



Compatibility List of PYTES ESS and Inverters

