

Pytes

E-BOX 48100R



E-BOX 48100R Specifications

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)	17.32*24.41*4.61inch/440*620*117mm(2.6U)
Weight	112.5lbs/51kg
Operating Temperature	Charge:32°F~113°F/0°C~45°C Discharge:14°F~122°F/-10°C~50°C
Round-Trip Efficiency	≥95%
Cycle Life	≥6000 cycles
Altitude	<13123.35ft/4000m
Warranty	10 Years
Scalability	16 pcs (81.92kWh) in a group 6 groups (491.52kWh) in a system w/a Hub

Certifications

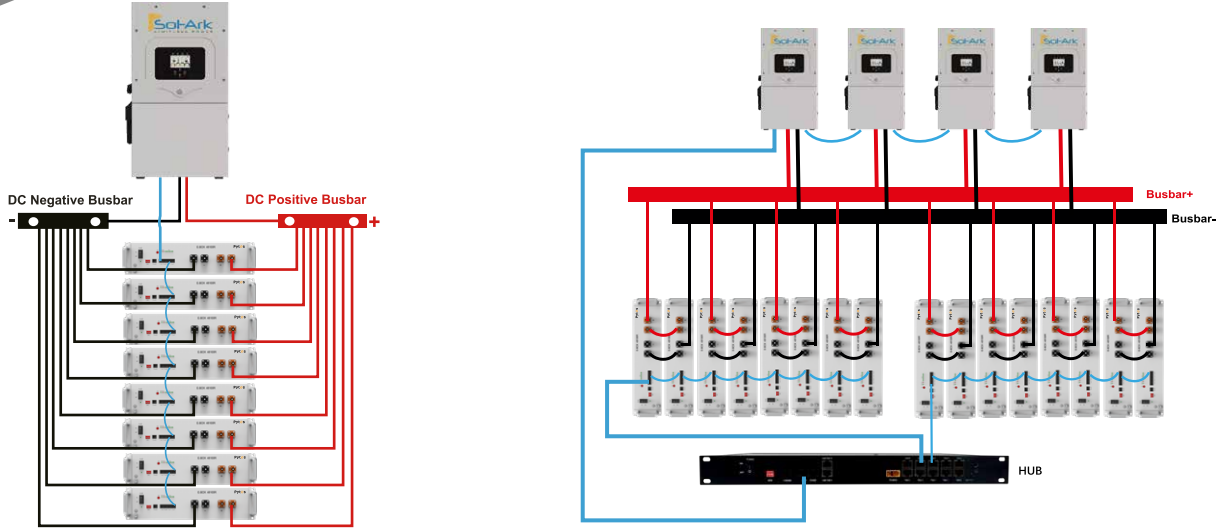
UL 9540 Ed.2 (2020), UL 9540A, UL 1973, CEC, SGIP

Inverter Compatibility List





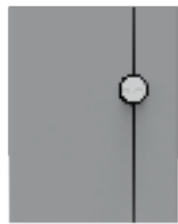
Battery Connection Diagram Guide



E-Box 48100R Enclosures



E BK1
hold up to 1"E-BOX 48100R, stack up to 6"E-BOX 48100R



VR-BOX-IC
hold up to 2"V5"



R-BOX-NEMA3
hold up to 2"E-BOX 48100R



R-BOX-OC
hold up to 4"E-BOX 48100R



Forest RB Plus
hold up to 4"E-BOX 48100R

Case Study



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