

EL-LR



Convenient

Rack mounted battery & compact design, ease of installation

Compatible

Compatible with multiple inverters
Multiple communication interfaces RS232, RS485, CAN

Compliant

Ip21 Protection, indoor application

Scalable

Use of parallel connection; from 2 to 10 modules

Sufficient

High energy density, 110Wh/kg

Safe

Multiple protection
LiFePO4 material, safe and long life

PERFORMANCE SPECIFICATIONS

Model	EL-LR51100	EL-LR51200
Nominal Voltage	51.2V(16Series)	51.2V(32Series)
Cell model/Configuration	3.2V100Ah(ANC)/16S1P(51.2V)	3.2V100Ah(ANC)/16S2P(51.2V)
Capacity(Ah)	100AH	200AH
Rated Energy(KWH)	5.12KWH	10.24KWH
Usable Energy(KWH)	4.6KWH	9.2KWH
Max. Charge/Discharge Current(A)	100A / 200A	
Voltage Range(Vdc)	48-56.5V	
Scalability	Up to 10 parallel	
Communication	RS232-PC,RS485-Inverter,CANbus-Inverter	
Cycle Life	≥6000cycles@25°C, 90% DOD, 60%EOL	
Design Life	≥15 Years(25°C)	

MECHANICAL SPECIFICATIONS

Weight(Approx)(KG)	Approx:48kg	Approx:93kg
Dimension (W/D/H)(mm)	442*460*177mm	442*530*221mm
Installation Mode	Rack Mounted	
IP Grade	Ip21	

SECURITY AND CERTIFICATION

Safety(Pack)	UN38.3,MSDS	
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054	
Protection	BMS, Breaker	

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature(°C)	Charge:-10°C~50°C; Discharge: -20°C-50°C	
Altitude (m)	≤2000	
Humidity	≤95%(Non-condensing)	

*Text and images correspond to the current state of technology at the time of printing. Subject to modifications

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