

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

Model	EL-LR25100	EL-LR25200
Nominal Voltage	25.6V(8Series)	25.6V(16Series)
Cell model/Configuration	3.2V100Ah(ANC)/8S1P(25.6V)	3.2V100Ah(ANC)/8S2P(25.6V)
Capacity(Ah)	100AH	200AH
Rated Energy(KWH)	2.56KWH	5.12KWH
Usable Energy(KWH)	2.3KWH	4.6KWH
Max. Charge/Discharge Current(A)	100A /100A	
Voltage Range(Vdc)	23-28.5V	
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:24kg	Approx:48kg
Dimension (W/D/H)(mm)	580*390*185 mm	
Installation Mode	Wall hanging	
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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