Residential Energy Storage Battery (Rack-mounted)

LEOCH BATTERY

LR51.2-100

Compact Size
Minimum the footprint

Eco-Friendly
Clean energy

Long Lifespan
Sustainable long cycles

Built-in BMS
Charge & discharge protection

Product Introduction

- Up to 15 units of parallel connections, flexible capacity expansion
- LCD display for voltage, current, temperature, convenient for users to query
- Compatible with mainstream inverters in the market, providing more options
- Built-in BMS provides multiple protection functions

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Item	Parameters
Battery Model	**LR51.2-100**
Rated Capacity (5HR)	100Ah
Nominal Voltage	51.2V
Rated Energy	5.12kWh
Discharge Cut-off Voltage	43.2V
Maximum Charge Voltage	57.6V
Max. Charge/Discharge Current	100A
Weight	Approx. 43 Kg
Display	With display screen
Communication Interface	RS485/RS232/CAN
Number of parallel connections	Up to 15 units
Dimensions (W*D*H)	442 *431 *177mm
Design life	More than 15 years
Cycle Life	More than 6000 cycles @ 80% DOD
Ingress Protection	IP31
Case Material	SPCC
Operation Temperature	Charging: 0 to +45℃ Discharging: -10 to +55℃ Storage: -20 to +60℃
Compatible Inverters	PYLON, Sacolar, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, Sorotec, GoodWe, KSTAR, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, TBB, SAKO, Solis, Victron, SMK, BlueSun

*This list only indicates that our battery is compatible with these inverter brands, which does not imply that they have been officially approved by the inverter manufacturers.

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