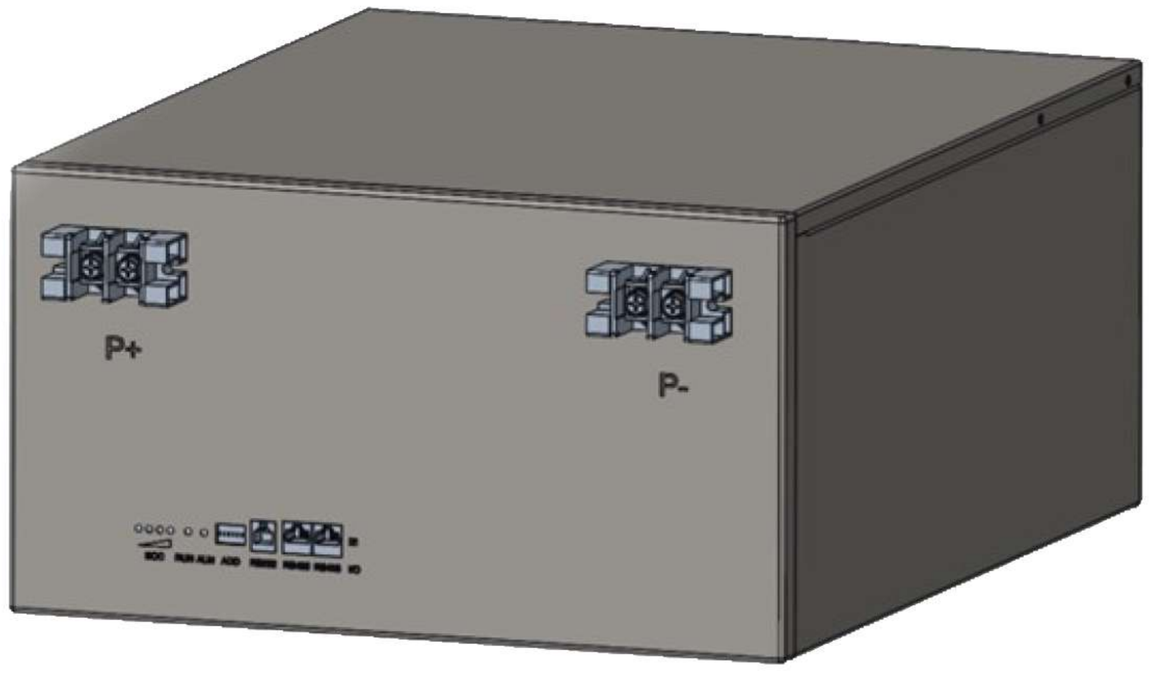
Lithium Battery FO-LB51.2200



It is embedded in the electrical equipment cabinet as a component of the electrical equipment. It is suitable for small-capacity access network equipment, remote switching offices, mobile communication equipment, transmission Equipment, satellite ground station and microwave communication equipment and other backup power, it has the functions of centralized control, battery maintenance and management, to meet the requirements of unattended operation.

Performance characteristics

- The energy storage system realizes energy storage for customers to avoid business interruption of the communication system due to power failure and other situations
- The rack-type design supports parallel expansion, and high-energy-density battery products achieve the same energy supply with a smaller volume, reducing the space occupation of the computer room
- Using the dedicated BMS management system for communication lithium batteries, it can monitor the voltage of all single cells in the battery pack in real time, the total current of the battery pack, total voltage, ambient temperature, and other parameters, and has multiple protection functions such as preventing battery overcharge and over discharge , which can improve battery utilization efficiency and prolong battery life
- Lithium battery equipment with high energy and low power consumption to achieve higher energy supply, lower energy consumption, and reduce environmental pollution.
- Adopt all-round and multi-level battery protection strategies and fault isolation measures to ensure the safe operation of the energy storage system.

Specification

SN	Item	Technical parameter
1	Rated capacity of battery pack	200 Ah
2	Rated energy	10240 Wh
3	Rated voltage	51.2 V
4	Operating voltage range	43.2 ~ 57.6 V
5	Charge cut-off voltage	57.6 V
6	Discharge cut-off voltage	43.2 V
7	Standard charging current limit	10 A
8	Rated continuous charging current	50 A
9	Rated continuous discharge current	100 A
10	Single cell specifications	3.2 V 100 Ah
11	Group plan	2P16S
12	SOC working range	15% to 95%
13	Charging efficiency	≥92%
14	Cycle life (times)	> 6000 (@ 25°C, 0.5C charge and 0.5 C discharge, 80% DOD)
15	Charging temperature range	0°C ~ 55°C
16	Discharge temperature range	-20°C ~ 60°C
17	Optimum storage temperature	0°C ~ 30°C
18	Environment humidity	5% ~ 95%
19	Self-discharge rate / month	≤3%
20	Dimensions (W*D*H)	440*530*230 mm
21	Color	Black
22	Cooling method	Natural cooling
23	IP protection class	IP20
24	Charge and discharge altitude	≤ 1000m
25	Storage environment temperature	-10 ~ 30°C
26	Storage environment humidity	5 % ~ 95 %
27	Storage altitude	≤ 1500m

Remarks: There may be some differences between the actual product and the reference picture, the picture is for reference only