Axil 27Ah 192V LFP

Rack Mounted LiFePO4 Battery Pack



Axil 27Ah 192V LFP Battery

The LFP-192V27Ah is a high-efficiency, eco-friendly lithium iron phosphate (LiFePO4) battery pack designed for seamless integration into standard cabinets.

This compact energy storage solution features an advanced Battery Management System (BMS) for effortless operation and long-term reliability.

Product Features

- ✓ High-safety LiFePO4 chemistry ensures exceptional thermal stability and a long cycle life.
- ✓ High-performance BMS provides multi-level protection and an advanced SOC algorithm for precise capacity tracking.
- ✓ Autonomous charge-discharge management enables real-time status reporting to the backend system.
- ✓ Built-in protection limits charging current if safety thresholds are exceeded.
- ✓ Automatic wake-up function instantly restarts the battery when UPS power returns.
- ✓ Modular parallel configuration allows easy scaling to extend backup runtimes.
- ✓ Integrated air-cooling system ensures silent, noise-free operation.
- ✓ Universal battery compatibility makes it an ideal backup power solution.

Applications

- Access Network Equipment
- Remote Switching Centers
- UPS Systems
- Transmission Equipment
- Mobile & Microwave Communication Equipment

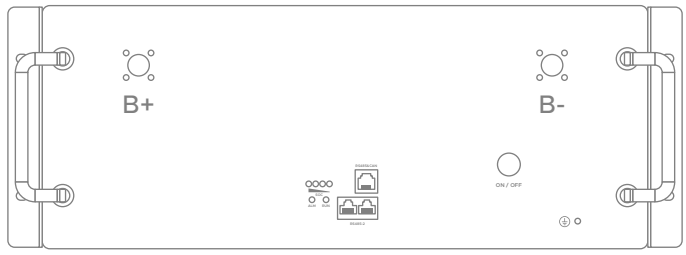


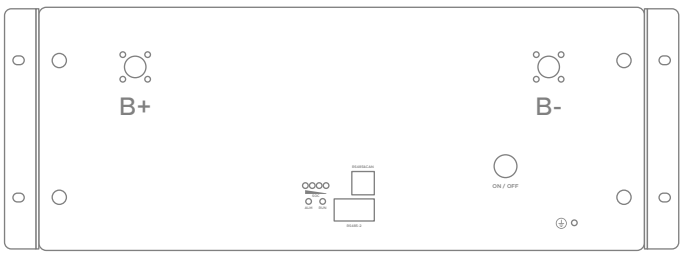
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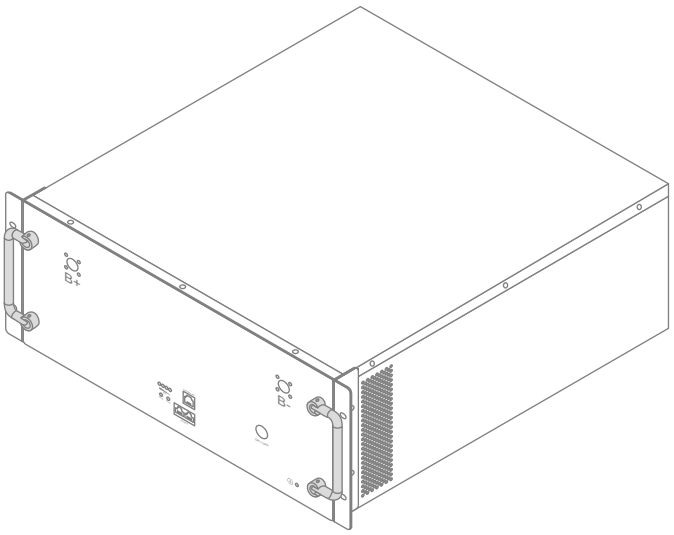
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Technical Specification

BATTERY MODEL	Axil 27Ah 192V
Nominal Voltage	192V
Charging Limit Voltage	219V
Nominal Capacity	27Ah
Energy Storage	5.1kW/h
Discharge Cutoff Voltage	162V
Max. Charging Current	27
Recommended continuous Charging Current	15
Max. continuous Discharge Current	50
Charging Current Low Limit	3A
Dimension W x H x D	400 x 422 x 177 mm
Weight (approximate)	± 55 Kg
Charging Temperature Range	0° C - 60 °C
Discharge Temperature Range	- 10° C - 60 °C
Temperature Range (Storage & Transport)	10° C - 100 °C
Relative Humidity Range (Operation)	≤ 95% (45 °C ± 2 °C)
Relative Humidity Range (Storage & Transport)	≤ 95% (45 °C ± 2 °C)
Atmospheric Pressure Range	70 - 106kPa







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