LiFePO4 Battery
YF-LFP-5kWh

aurora
OPTOELECTRONIC



Features

- **BMS** — Powerful Battery Manage System
- ≥8000 Cycles
- Connect With More Than 30+ Inverter Brands
- Safe And Long Lifespan
- Flexible And Convenient Installation
- Reliable Performance

Datasheet

Model	YF-LFP-5kWh
Battery Type	LiFePO4
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8V~56V
Recommend Charge/Discharge Current	50A
Max. continuous charge/Discharge Current	100A
Peak Charge/Discharge Current(@10s)	110A
Parallel	≤16 PCS
Depth Of Discharge(DOD)	≥90%
Display Type	LCD
Protection Level	IP21
Working Temperature Range(Charging)	0°C ~ +60°C
Working Temperature Range(Discharging)	-20°C ~ +60°C
Storge Temperature Range(One month)	-30°C ~ +45°C
Storge Temperature Range(Six months)	-20°C ~ +35°C
Altitude	≤2000m
Communication	CAN/RS485
Cycle Life	≥8000 Cycles
Installation	Wall/Floor Mounting
Protection	Built-in Smart BMS
Warranty Period	10 years(0.5C Charge/Discharge,@25°C， 80%DOD)
Product Dimension	667*430*235.5mm
Package Dimension	670*500*265mm
Product Weight Approximate	58.8Kg
Package Weight Approximate	61.1Kg

***Test conditions: 0.5C charge/discharge, @25°C, 80% DOD; product specifications are subject to change without prior notice.**