LiFePO4 Battery Pack
YF-LFP Series

aurora
OPTOELECTRONIC



Features

- Balance Function
- Overcharge Protection
- Low Voltage Protection
- Temperture Protection
- Short Circuit Protection
- Overcurrent Protection

Datasheet

Model	YF-LFP-128200
Battery Type	LiFePO4
Nominal Energy	2.56kWh
Nominal Capacity	200Ah
Nominal Voltage	12.8V
Operating Voltage	11.2-14 V
Recommend Charge/Discharge current	50A
Max. Continuous Charge/Discharge Current	100A
Depth of Discharge(DOD)	90%
Protection Level	IP65
Series And Parallel Numbers	Max. 4 series&4 parallel
	The voltage needs to be consistent, the error between cells<0.5V
Working Temperature Range(Charge)	0 °C~ +55°C
Working Temperature Range(Discharge)	-10°C ~ +55°C
Storage Temperature Range(One Month)	-10°C ~ +45°C
Storage Temperature Range(Six Months)	-10°C ~ +35°C
Altitude	≤2000m
Cycle Life(@25°C)	≥6000 Cycles
Protection	Built-in smart BMS
Warranty Period	Ten years(0.5C charge/Discharge @25°C, 80%DOD)
Product Dimension	522*218*240mm
Product Weight Approximate	21.3kg

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

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