LiFePO4 Battery
YF-LFP-5.8/8kWh

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OPTOELECTRONIC



Features

- Powerful Battery Manage System
- ≥8000 Cycles
- Support 2 serial and 2 parallel
- Safe And Long Lifespan
- Convenient Installation
- Reliable Performance

Datasheet

Model	YF-LFP-5.8kWh	YF-LFP-8kWh
Battery Type	LiFePO4	
Nominal Energy	5.88kWh	8kWh
Nominal Capacity	230Ah	314Ah
Nominal Voltage	25.6V	
Operating Voltage	22.4V~28V	
Recommend Charge/Discharge Current	50A	100A
Max. Continuous Charge/Discharge Current	100A	200A
Parallel Function	Max.2 series&2 parallel	
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	
Storage Temperature Range(One month)	-30°C~ +45°C	
Storage Temperature Range(Six months)	-20°C~ +35°C	
Altitude	≤2000m	
Cycle Life	≥8000 Cycles	
Installation	Wall/Floor Mounting	Floor Mounting
Protection	Built-in Smart BMS	
Warranty Period	10 years(0.5C Charge/Discharge, @25°C, 80%DOD)	
Product Dimension(L*W*H)	340*270*515mm±5mm	380*240*510mm±5mm
Package Dimension(L*W*H)	620*437*320mm±5mm	580*475*340mm±5mm
Product Weight Approximate	46.5kg±1kg	61kg±1kg
Package Weight Approximate	49.5kg±1kg	71.5kg±1kg

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

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