LiFePO4 Battery
YF-LFP-10.5kWh



Features

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

Datasheet

Model	YF-LFP-10.5kWh
Battery Type	LiFePO4
Nominal Energy	10.5kWh
Nominal Capacity	206Ah
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	Floor Standing Mounting
Protection	Built-in Smart BMS
Warranty Period	10 years(0.5C Charge/Discharge,@25°C， 80%DOD)
Product Dimension	715*430*285mm
Package Dimension	730*510*340mm
Product Weight Approximate	96.2Kg
Package Weight Approximate	111.4Kg

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