LiFePO4 Battery
YF-LFP-16kWh-PLUS



Features

- **BMS** — Our inverter can be monitored and the BMS can be upgraded remotely OTA
- **IP65** — IP65 Protection Level
- Touch LCD Screen
- Bluetooth & wifi
- Connect With More Than 30+ Inverter Brands
- LiFePO4 battery, built-in aerosol fire extinguishing device, multiple protections
- With casters, with wall mounting bracket, Convenient Installation
- Equipped with 250A circuit breaker to reduce installation costs

Datasheet

Model	YF-LFP-16kWh-PLUS
Battery Type	LiFePO4
Cell Capacity	314Ah
Module Energy	16kWh
Number of Battery Cells (Optional)	16
System Energy	16.07kWh
System Nominal Voltage	51.2V
Operating Voltage Range	44.8V~56.8V
Scalability	Max.16PCS in Parallel
Max.continuous charge/Discharge current	150A/200A
Peak Charge/Discharge current(@2s)	210A
Depth of Discharge(DOD)	90%
Display type	LED flash， LCD(Touch)
Working Temperature Range(Charging)	0°C~ +55°C
Working Temperature Range(Discharging)	-5°C ~ +55°C
Storge Temperature Range(One month)	-10°C ~ +45°C
Storge Temperature Range(Six months)	-10°C ~ +35°C
Humidity	20%~95%（No condensation）
Altitude	≤2000m
Cycle Life	≥8000 Cycles
Cooling Method	Air-cooling
Installation	Floor Standing Mounting
Protection	Built-in Smart BMS; Breaker
Communication Port	CAN/RS485
Accessories	1.0-meter wire
Warranty Period	10 years(0.5C Charge/Discharge,@25°C, 80%DOD)
Dimension(mm)	L500xW270xH830mm
Package Weight Approximate	120Kg±10kg

***BMS warranty: 5 years. Battery cell warranty: 10 years.**
***Test conditions: 0.5C charge/discharge, @25°C, 80% DOD; product specifications are subject to change without prior notice.**