AURORA POWER

YF-LFP-2.94kWh-PLUS

Product Specifications



Battery Type	LiFePO4
Nominal Energy	2944Wh
Nominal Capacity	230Ah
Nominal Voltage	12.8V
Operating Voltage	11.2–14V
Recommend Charge/Discharge Current	100A/120A
Max. Continuous Charge/Discharge Current	130A
Peak Charge/Discharge Current (@10s)	150A
Series & Parallel	Max.4 series&2 parallel
Depth of Discharge (DOD)	90%
Display Type	LCD
Protection Level	IP21
Working Temperature (Charge)	0°C ~ +55°C
Working Temperature (Discharge)	-10°C ~ +55°C
Storage Temperature (One Month)	-10°C ~ +45°C
Storage Temperature (Six Months)	-10°C ~ +35°C
Altitude	≤2000m
Communication	RS485/BT
Cycle Life (@25°C)	≥8000 Cycles
Installation	Floor-Mounting
Protection	Built-in smart BMS
Product Dimension	320*500*165mm
Product Weight (approx.)	25KG
Package Weight (approx.)	31KG

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Product Specifications



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

Cycle-life test conditions: 0.5C charge/discharge, 25°C, 80% DOD. Refer to the applicable warranty terms for coverage.