AURORA POWER

YF-LFP-16kWh

Product Specifications



Battery Type	LiFePO4
Nominal Energy	16077Wh
Nominal Capacity	314Ah
Nominal Voltage	51.2V
Operating Voltage	44.8V~56V
Recommend Charge/Discharge Current	100A/150A
Max. continuous charge/discharge Current	150A
Peak Charge/Discharge Current(@10s)	160A
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
Storage Temperature Range(One month)	-30°C ~ +45°C
Storage Temperature Range(Six months)	-20°C ~ +35°C
Altitude	≤2000m
Communication	CAN/RS485
Cycle Life	≥8000 Cycles
Installation	Floor-Mounting
Protection	Built-in Smart BMS
Product Dimension	857*460*265mm
Package Dimension	870*510*420mm
Product Weight Approximate	120Kg

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Package Weight Approximate	135Kg
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.