

# 5kWh Rack-Mounted Battery-Lite



Light weight, Small size.



Long cycle life, using high-quality LiFePO4 Cells, the cycle life is max up to 8000 times.



Intelligent battery management system.



In the extreme performance safety test, the battery will not catch fire,explode, leak, and be safer to use.



Compatible with a variety of inverters.



Support a variety of communication protocols, support RS485, RS232, CAN etc.



## 5kWh Rack-Mounted Battery-Lite

PRODUCT NAME	5kWh Rack-Mounted Battery-Lite
PRODUCT MODEL	LB-RM5K-US-A

### ● General Specifications

Nominal Voltage	51.2V(25°C, 0.2C)
Nominal Capacity	100Ah
Module Weight	50kg
Dimensions(L*D*H)	420*482*133mm
Design Life	>10 years
Cycle Life	>6000 times(0.5C@ 25°C, 80% DOD)
Installation Method	Rack-Mounted
IP Grade	IP21
Display	LED+LCD
Scalability	Parallelable

### ● Operating Parameters

Charging Voltage	58.4V
Discharging Voltage	40V
Charging Current	100A Max,Constant Charge 50A
Discharging Current	100A max

### ● Temperature

Humidity	5~95% RH
Charge Temperature Range	0~55°C
Discharge Temperature Range	-20~65°C
Storage Temperature Range	-20~45°C

### ● BMS Parameters

BMS Function	Built-in BMS voltage/current/temperature management & cell balance protection
Communication	RS485, RS232, CAN
Protection Features	Charging overvoltage protection, discharge undervoltage protection, overcurrent protection, overtemperature protection, short circuit protection, etc.
Warranty	5 years
Certification	IEC62619,CE,UN38.3

