







# 16kWh Floor-Mounted Battery-Lite

-  Light weight, Small size.
-  Cycle life max up to 10000 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.



## 16kWh Floor-Mounted Battery-Lite

PRODUCT NAME	16kWh Floor-Mounted Battery-Lite
PRODUCT MODEL	LB-FM16K-US-A
<b>● General Specifications</b>	
Nominal Voltage	51.2V(25°C, 0.2C)
Nominal Capacity	314Ah
Module Weight	125kg
Dimensions(L*D*H)	440*260*800mm
Design Life	>10 years
Cycle Life	>8000 times(0.5C@ 25°C, 80% DOD)
Installation Method	Floor-Mounted
IP Grade	IP21
Display	LED+LCD
Scalability	Parallelable
<b>● Operating Parameters</b>	
Charging Voltage	58.4V
Discharging Voltage	40V
Charging Current	200A Max,Constant Charge 100A
Discharging Current	200A max
<b>● Temperature</b>	
Humidity	5-95% RH
Charge Temperature Range	0-55°C
Discharge Temperature Range	-20-65°C
Storage Temperature Range	-20-45°C
<b>● BMS Parameters</b>	
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