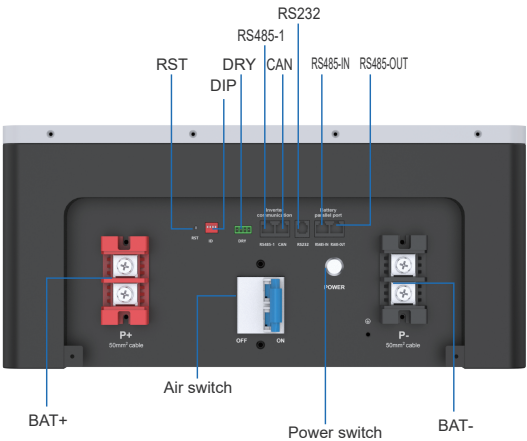
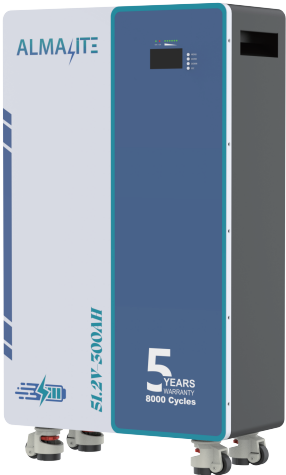


Rechargeable LITHIUM IRON PHOSPHATE(LiFePO4)Battery

AL-LT51300



■ Pic of Input & Output Port



Specifications

Model	AL-LT51300
Basic Parameter	
Rated Voltage (V)	51.2
Rated Capacity (Ah)	300
Rated Energy (Wh)	15360
Operation Parameter	
Voltage Range (V)	43.2-58.4
Charge Voltage Range (V)	57.6-58.4
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	100
Max Charge Current (A)	200
Max Discharge Current (A)	200
Operation Parameter	
Dimension: L*W*H (mm)	500*233*810(Without base)
Weight (kg)	≈117.5
Communication Port	RS485、CAN
Display	LED+LCD
Terminal	Plug-in
Compatible inverter	Growatt, Goodwe, Sol-Ark, SRNE, DEYE
Other functions	Bluetooth, wifi
Environment Parameter	
Enclosure Protection	IP20
Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-45
Discharge Temperature Range (°C)	-20-60
Storage Temperature Range (°C)	-20-45
Service Life	
Cycle Life	> 8000 (0.5C@ 25°C, 80% DOD)
Design Life (Year)	15



High cycle life

6000 cycles @80% DoD for effectively lower total of ownership cost.



Quickly recharge

Save time and increase productivity with less down time thanks to superior charge/discharge efficiency.



Longer service life

Low maintenance batteries with stable chemistry.



Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C.



Built in circuit protection

Battery Management System (BMS) is incorporated against abuse.



Lightweight

Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.



Better storage

Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation.



Function

Support parallel operation