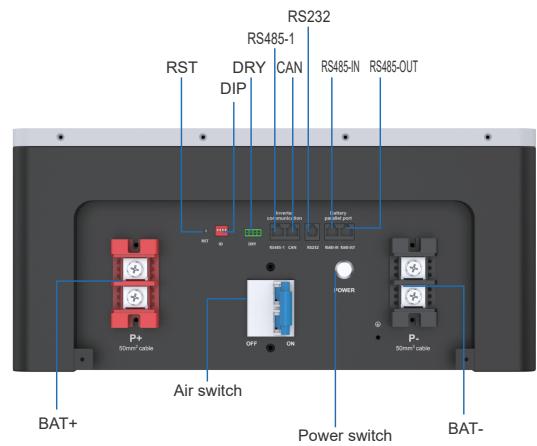
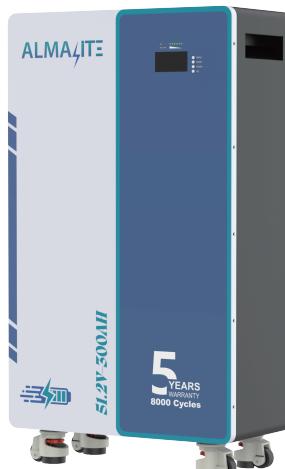


Rechargeable LITHIUM IRON PHOSPHATE(LiFePO4)Battery

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