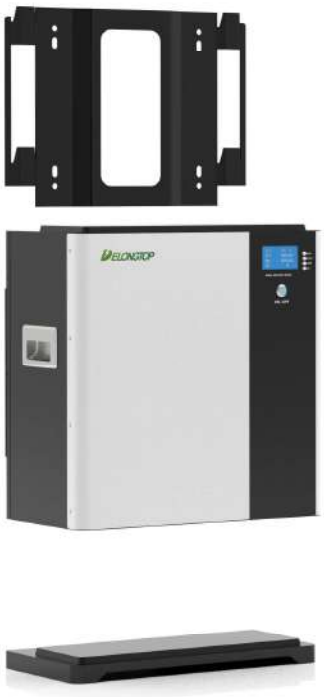
LFP51 S Series

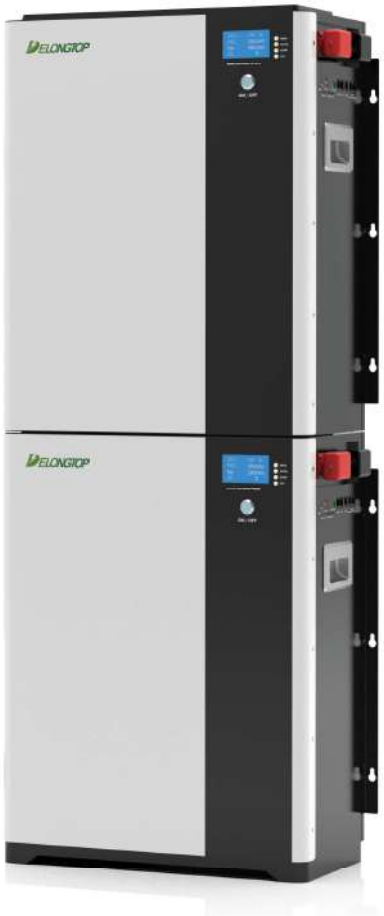
51.2V Stacked and Wall-mounted Household Energy Storage Batteries

LFP51100
(51.2V 100Ah)

LFP51228S
(51.2V 228Ah)

LFP51314S
(51.2V 314Ah)





Product Features

- Wall-Mounted
- Built-in BMS
- Energy dense
- Long cycle life
- Support customization
- Support for Parallel Connection
- Supports Inverter Communications

Applicable Scope

- Household Energy Storage
- UPS System
- Solar Storage
- Central Office
- Base Transceiver Station
- Electric Power System
- Telecommunication Systems
- Communication Equipments
- Switching Applications and More

LFP51 S Series

(5~48Kwh Stacked and Wall-mounted Household Energy Storage Batteries)

Models	LFP51100	LFP51228S	LFP51314S
Product Specification	51.2V 100Ah	51.2V 200Ah / 228Ah	51.2V 280Ah / 314Ah
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah / 228Ah	280Ah / 314Ah
Battery Energy	5120Wh	10240Wh / 11673Wh	14336Wh / 16076Wh
Charging Cut-off Voltage	57.6V± 0.2V	57.6V± 0.2V	57.6V± 0.2V
Discharging Cut-off Voltage	44.8V± 0.2V	44.8V± 0.2V	44.8V± 0.2V
Charge Current *①	Recommend/30A;Max./50A	Recommend / 50A ; Max. / 100A	
Discharge Current *①	Recommend/50A; Max. /100A ; Peak / 105A(5 sec.)	Recommend / 100A ; Max. / 150A ; Peak / 210A(5 sec.)	
Recommended load *②	3~4.5Kw (Single Battery)	5~8Kw (Single Battery)	
Cell Type	LiFePO4 Battery		
Terminal	M8		
Case Material	Metal Box		
Communication Mode	RS485/CAN		
Charge Temperature Range	0~45 ℃		
Discharge Temperature Range	-5~55 ℃		
Cycle Life	≥6500 Cycles		
Designed Life	12 Years		
Colour	White + Black		
Weight	≈ 46Kg	≈ 87.5Kg	≈ 118Kg
Dimensions (LxDxH)	483*460*220mm	483*500*260mm	483*620*260mm
Assembly Method	Stacked & Wall-Mounted		

* ① This current value is data for a single battery pack; when multiple batteries are connected in parallel, the current will increase accordingly.
② The load power is the recommended value that a single battery can withstand. If a larger load is required, it can be achieved by connecting multiple batteries in parallel.