

LiFePO₄ lithium battery pack (Wall-mounted)



■ Benefits of Lithium

- High capacity, low weight, Increased energy in given space
- Fast charging
- High operational reliability
- Safest lithium technology
- Excellent long life times
- Built-in intelligent BMS to protect the battery pack at any time and prolong its service life
- Maintenance free

■ Specifications

Nominal Characteristic

Battery model		LFP 51.2-100W
Nominal voltage		51.2V
Typical capacity		100Ah
Typical energy		5120Wh
Cells type/chemistry		Prismatic-LiFePO ₄
Gravimetric Energy density		~102Wh/Kg
Dimensions	Length	580mm
	Width	415mm
	Height	150mm(180mm)
Reference Weight		~52Kg
Case Material		Iron
Cycle life		> 6000 cycles (80% DOD)
Option		With CAN+RS485

■ Certifications and standards

a.Products

- UN38.3

b. MS certifications

- ISO9001

- ISO14001

Electric Characteristics

Charge method	CC/CV
Charge voltage Range	57.2~58.4V
Cell	3.2V100Ah(EVE LF100LA)
Module	16S1P
Number of parallel machines	15PCS
Max.continuous Discharge Current	100A
Max.continuous Charge Current	100A
Discharge Pulse Current (1sec)	300A
End of Discharge Voltage	40V

Operation Environment

Charge Temperature	0 °C ~ 50 °C
Discharge Temperature	-20 °C ~ 60 °C
Storage Temperature	-20 °C ~ 60 °C
Option Protection Class	IP30

