

Lithium Iron Phosphate Battery

Li-LBA 51.2V100AH-W (Wall Mounted)

Overview

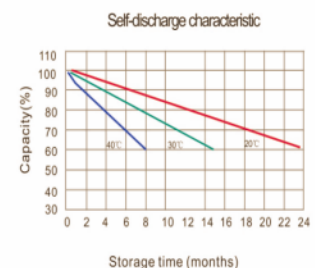
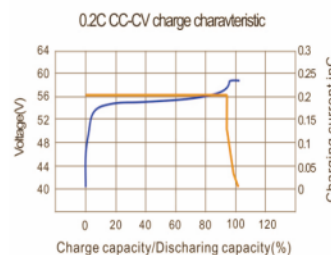
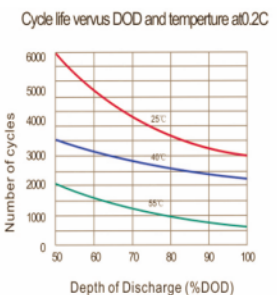
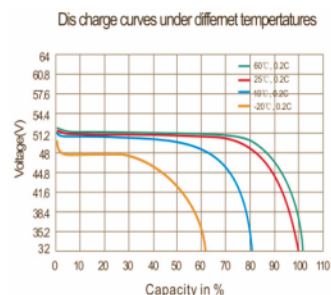
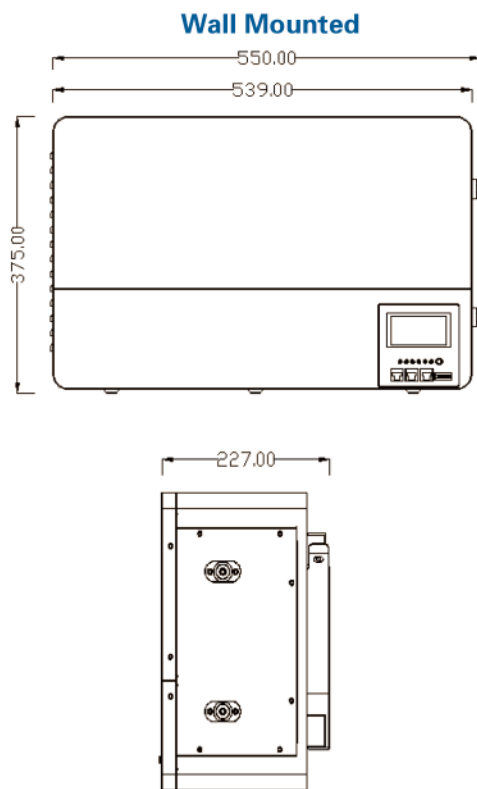
The Li-LBA 51.2V100Ah rechargeable battery is optimized for low rate application which requires high energy density.

Features

- LiFePO4 battery, more stable and safe .
- Intelligent BMS equipped inside to maintain the battery always work at best condition .
- Max charge and discharge current as 200A which is specially designed for solar energy .
- With 1.2A equalizer can balance each lithium cell voltage difference as small as 0.05V in a very short time .
- Excellent standby self-consumption as low as 4mA .
- Automatically output cut off after 30days no charge and discharge to ensure security , also can cut off output by manual operation .

Battery Specification

Nominal Characteristics	
Nominal Voltage /V	51.2
Nominal Capacity /Ah (25° C , 0.2C)	100
Mechanical characteristics	
Weight (approximate)/Kg	57.0
Dimension L*W*H /mm	550*375*227
Terminal	M8
Electrical characteristics	
Voltage window/V	44.8 to 58.4
Float charge voltage/V	55.2
Max. continue discharge current/A	100
Max. pulse discharge current/A	200A 30Sec.
Max. continue charge current/A	50
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	> 3000 Cycles
Operating temperature	Discharge -10°C to 50°C Charge 0°C to 50°C
Storage temperature	0 to 30°C
Storage duration	6 months at 25°C
Safety standard	UN38.3,IEC62619,CE
IP Degree	IP20



Remark: a. During storage period, you have to charge the Li-Battery in 6 months in order to protect the battery.
b. Specification is subject to change without further notice. For more details and updates, please visit our website.