

Lithium Iron Phosphate Battery

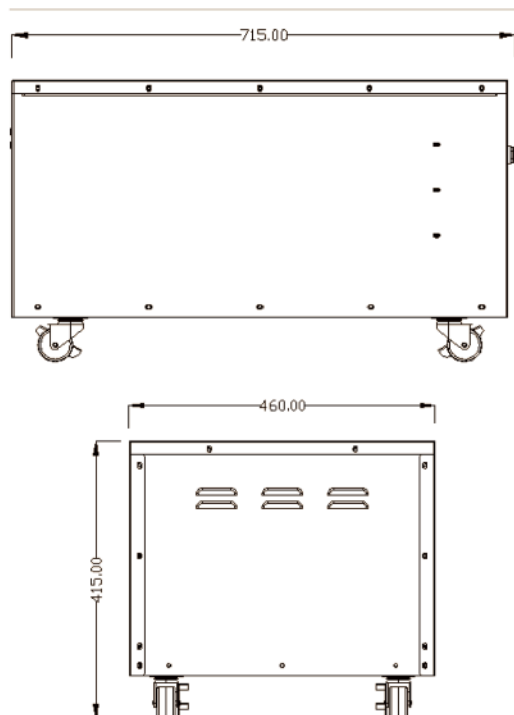
Li-LBB 51.2V200AH

Overview

The Li-LBB 51.2V200Ah 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 150A 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)	200

Mechanical characteristics

Weight (approximate)/Kg	133.0
Dimension L*W*H /mm	715*460*415
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	150A 1Sec.
Max. continue charge current/A	100

Operating conditions

Cycle life (+25°C 0.2C 100%DOD)	> 1500 Cycles
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Operating temperature	Discharge -10°C to 50°C Charge 0°C to 50°C
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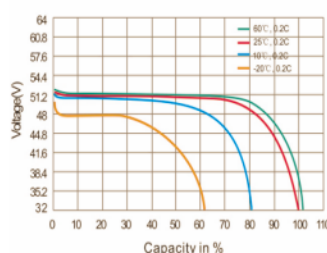
Storage temperature	0 to 30°C
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Storage duration	6 months at 25°C
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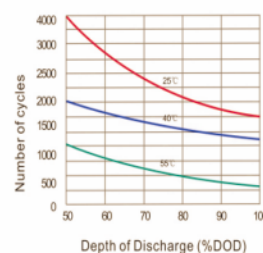
Safety standard	UN38.3,IEC62619,CE
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IP Degree	IP20
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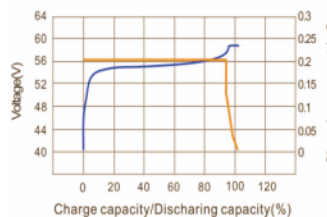
Dis charge curves under diffemet temperatures



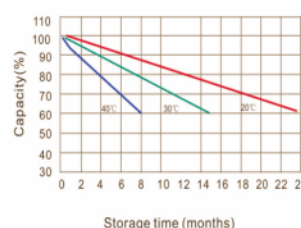
Cycle life vevus DOD and temperature at0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic



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.

