

Lithium Iron Phosphate Battery

Li-LBA 12.8V200AH-W (Wall Mounted)

Overview

The Li-LBA 12.8V200Ah 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 12.8

Nominal Capacity /Ah (25° C , 0.2C) 200

Mechanical characteristics

Weight (approximate)/Kg 33.5

Dimension L*W*H /mm 344*374*226

Terminal M8

Electrical characteristics

Voltage window/V 11.2 to 14.6

Float charge voltage/V 13.8

Max. continue discharge current/A 100

Max. pulse discharge current/A 200A 30Sec.

Max. continue charge current/A 100

Operating conditions

Cycle life (+25°C 0.2C 100%DOD) > 3000 Cycles

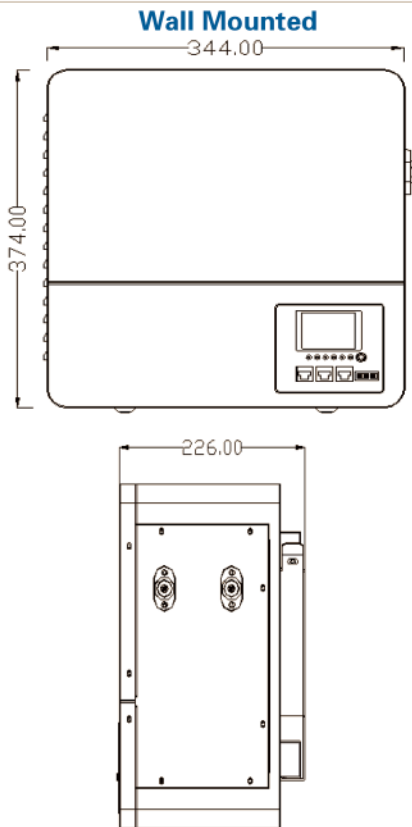
Operating temperature Discharge -10°C to 50°C
Charge 0°C to 50°C

Storage temperature 0 to 30°C

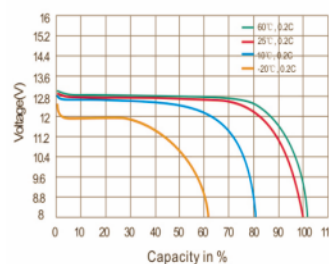
Storage duration 6 months at 25°C

Safety standard UN38.3,IEC62619,CE

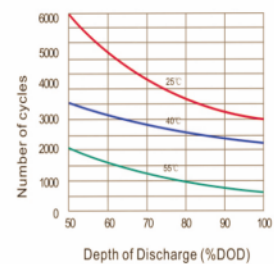
IP Degree IP20



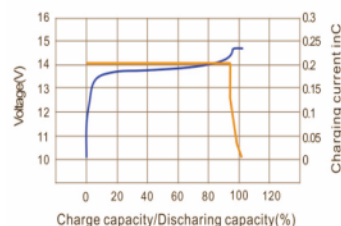
Dis charge curves under difemet temperatures



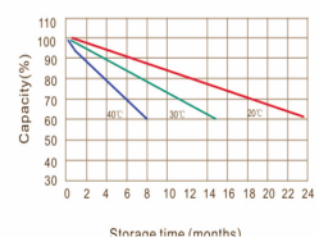
Cycle life versus DOD and temperature at 0.2C



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.