

Model: LIFE12V16

LiFePO4 battery 12,8V 16Ah

⊕ Energy

Overview

The LIFE12V16Ah rechargeable battery is optimized for golf trolley battery which require high energy density.

Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Providing perfect special LFP battery charger , aluminum case and fan make long life matching the LFP battery excellent cycle life;

Battery specification

Nominal Characteristics

Nominal Voltage /V	12.8
Nominal Capacity /Ah (25 °C , 0.2C)	15.5 to 16.2

Mechanical characteristics

Weight (approximate)/Kg	2.5±0.3
Dimension L*W*H/mm	168*128*75

Electrical characteristics

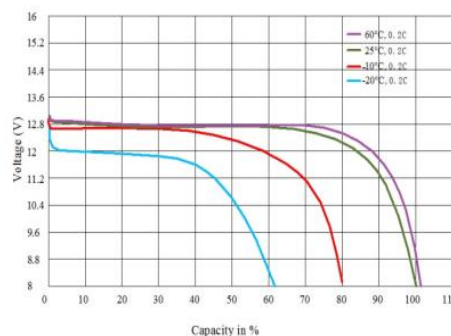
Voltage window/V	9.2 to 14.6
Float charge voltage/V	13.8
Max. discharge current/A	25
Max. Pulse current/A	40A for 30S
Max. charge current/A	20

Operating conditions

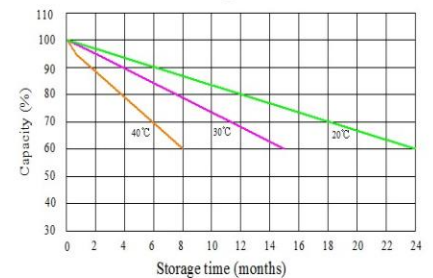
Discharge	-30°C to 60°C;
Operating temperature	Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months +20°C
Safety standard (cell)	UL1642



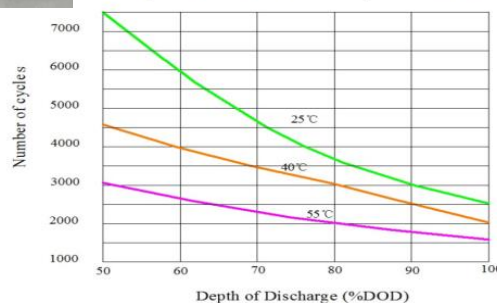
Dis charge curves under differents temperatures



Self-discharge characteristic



Cycle life versus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic

