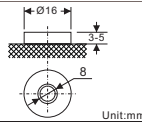


**Specification**

Nominal Voltage	12V
Number of cell	
Nominal Capacity	80AH( 0.5C discharge to 9.6V)
Weight	Approx. 12.8Kg
Dimensions	Approx. 258x166x215mm(customized)
Voltage window/V	14.60 to 9.6
Max continue discharge current	30A
Max charge current	30A
Max pulse discharge current	80A 10Sec
Terminal	F12



**operating conditions**

Cycle life (+25°C 0.2C 100%DOD)	2500 Times
Operating temperature	Discharge-20°C to 60°C Charge-0°C to 60°C
Storage temperature	0°C to 60°C
Storage duration	12 months at 25°C
Safety standard	UL1642 at cell level

**Features**

- ★ Used alone
- ★ Eco-friendly and long lifespan
- ★ Low self- discharge
- ★ High energy density
- ★ Excellent performance in all the operating temperature
- ★ Automatic protection with battery management system internally
- Over charge, over discharge, Over load, Over short circuit protection
- ★ industrial leading packing technology ensures the cells have a precise conformance and a stable performance

**Overview**

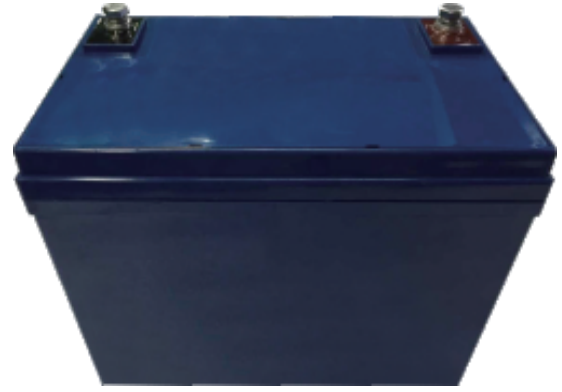
- ◆ The LFP Rechargeable battery is optimized for low application which requires high energy density.

**Certificate**

- ◆ CE/RoHS Directive-compliant/msds/FCC

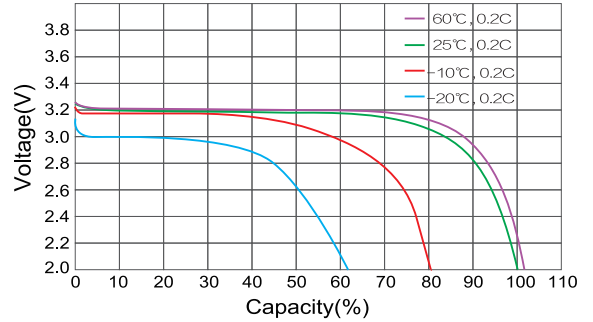
**Caution**

- ◆ Do not disassemble, short circuit or dispose of in fire
- ◆ Do not use or store the battery where is exposed to extremely hot, such as under window of a car in direct sunlight in a hot day. Otherwise, the battery may be overheated. This can also reduce battery performance and/or shorten service life

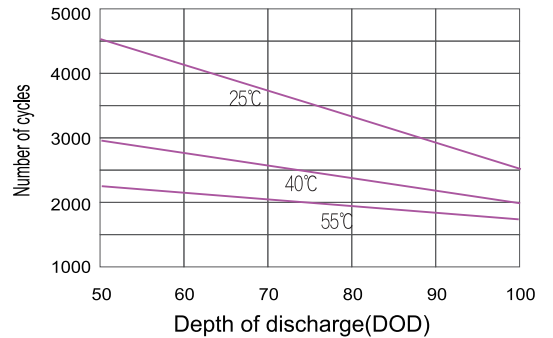


**Performance curve/cell**

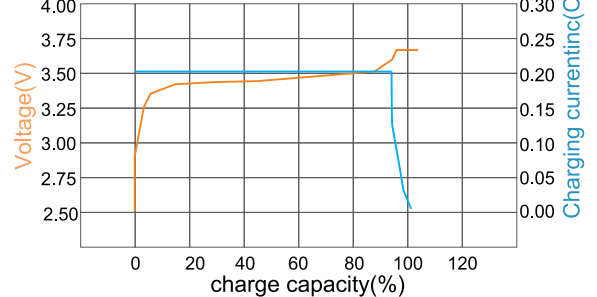
Dis charge curves under differents temperatures



Cycle life vergus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



self-discharge characteristic

