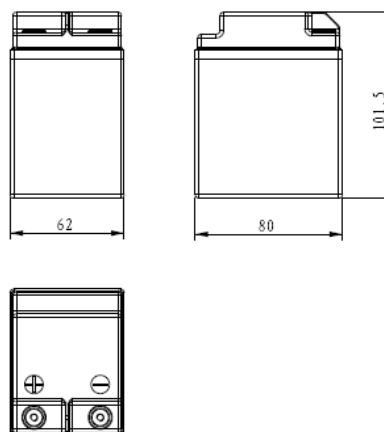


# RP123D5A



## Brief introduction

**RP123D5A** is based on BYD Fe battery. It has excellent safety, high energy density, long service time, nice temperature performance, low cost and no pollution.

## Mechanical

- ◆ Cumber burning PC+ABS cover.
- ◆ 3 terminals in the surface: M4 P+, M4 P-, maintenance.

## Inner circuit

- ◆ Cell Voltage detect
- ◆ Could be connected to a BMS (Battery Management system) to monitor the battery.

## RP123D5A

### Basic characteristics

Nominal Voltage[C/5]	12 V
Initial capacity [C/5]	3.5 Ah

### Mechanical characteristics

Length	80 mm
Width	62 mm
Height	101.5 mm
Weight	0.6±0.2 kg

### Electrical characteristics

Charge voltage range	14.6±0.1V
Charging manner	CC / CV (constant current / constant current)
Charging current	2A*3hrs(standard)
Discharging close voltage	10 V
Max. discharge current	continuous 20A/peak 35A@60s

### Operating conditions

Storage relative humidity	5% ~ 95%
Storage temperature	-40 ~ +60°C
Operating temperature	charge: +10~+50°C
	discharge: -20~+60°C
Storage temperature & duration	Less than 1 month:-20 ~ +60°C
	Less than 3 months: -20 ~ +45°C
	Less than 1 year: -20 ~ +25°C
Safety certification	Cell: UL Battery: UL/CE/UN38.3 (preparing)
Maintenance	The maximum recharge period of the battery in storage is 12 months under room temperature.

## BYD Net Power System

Address: No.1 Baoping Road, Baolong Industrial Town, Longgang Shenzhen, 518116, China

Tel: +86-755-8988 8888-52318

Fax: +86-755-8483 5502

E-mail: [netpower@byd.com](mailto:netpower@byd.com)

[Http://www.bydit.com](http://www.bydit.com)