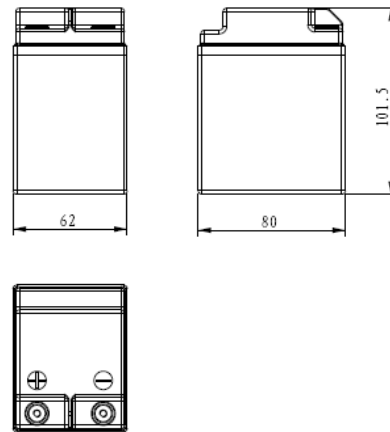


R124D5A



Brief introduction

R124D5A 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.

R124D5A

Basic characteristics

Nominal Voltage [C/5]	12 V
Initial capacity [C/5]	4.5 Ah

Mechanical characteristics

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

Electrical characteristics

Charge voltage range	14.6±0.1V
Charging manner	CC / CV (constant current / constant current)
Charging current	0.9A*7hrs(standard)
Discharging close voltage	10 V
Max. discharge current	12 A(continuous)

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

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