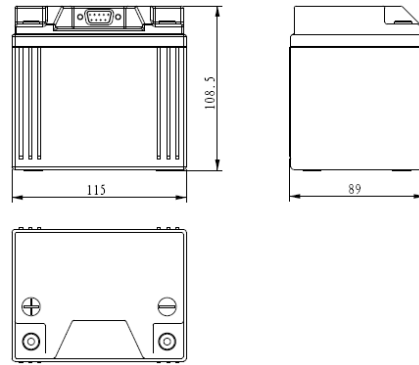
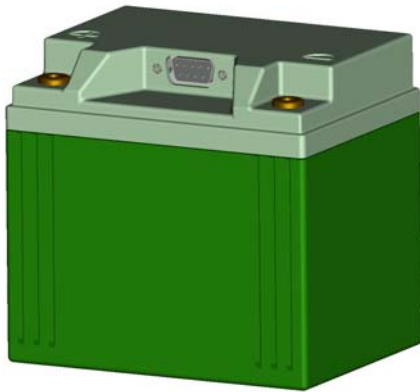


R1210A



Brief introduction

R1210A is based on BYD Fe battery. It has excellent safety, high energy density, long service time, nice temperature performance, low cost and no pollution.

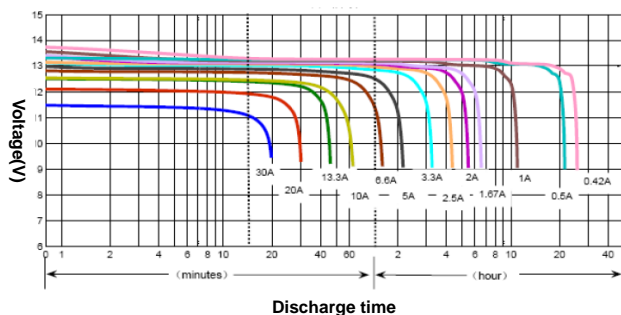
Mechanical

- ◆ Cumber burning PC+ABS cover.
- ◆ 3 terminals in the surface: M5 P+ terminal, M5 P- terminal, DB9 maintenance.

Inner circuit

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

Voltage-discharge time at different discharge current



R1210A

Basic characteristics

Nominal Voltage[C/5]	12 V
Initial capacity [C/5]	10 Ah

Mechanical characteristics

Width	115 mm
Height	108.5 mm
Depth	89 mm
Weight	1.4 kg

Electrical characteristics

Charge voltage range	14.6±0.1V
Charging manner	CC / CV (constant current / constant voltage)
Charging current	2A*7hrs (standard)
Discharging cut-off voltage	9V
Max. discharge current	20A (2C) / 30A*1min

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\UN3.83
Maintenance	The maximum recharge period of the battery in storage is 12 months under room temperature.

BYD Net Power System

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