



## ATG Battery Shop

### Lithium Iron Phosphate (LiFePO4) Battery

#### ATG-210AH-Slim

12.8V210Ah 2688Wh

#### Features of LiFePO4 Battery

**Longer Cycle Life**

LiFePO4 batteries would be five times than SLA batteries on cycle life

**High Power & Light weight**

LiFePO4 batteries performance twice power of SLA batteries, while half weight helpful for transport and installation

**Intelligent management control**

Intelligent BMS system covered by LFP batteries to ensure that batteries work on safety and perfect condition

**Lower Self-discharge rate**

Lower Self-discharge rate to guarantee LFP batteries be stored more longer than SLA batteries



#### Physical Dimension



#### Applications

- Caravan, RV, camping
- UPS (replacement of SLA batteries)
- Marine
- Solar, wind system
- PV, solar light

<b>Electrical Characteristics</b>	Chemistry	LiFePO4
	Nominal Voltage	12.8V
	Nominal Capacity	210Ah(0.2C @25°C)
	Energy	2688Wh
	Internal Resistance	≤20 mΩ
	Cycle Life	3500 times (0.2C standard charge and discharge)
	Months Self Discharge	<3%
	Efficiency of Charge	100% @0.5C
<b>Standard Charge</b>	Efficiency of Discharge	96-99% @1C
	Charge Voltage	14.6V
	Charge Mode	0.2C to 14.6V, then 14.6V, charge current to 0.02C(CC/CV)
	Standard Charge Current	40A
	Max. Charge Current	200A
<b>Standard Discharge</b>	Charge Cut-off Voltage	14.6V
	Standard Discharge Current	40A
	Max Discharge Current	200A
	Max. Pulse Current	400A(3s)
	Discharge Cut-off Voltage	10V
	Charge Temperature	0~55°C(32F to 131F)@60+25% Relative Humidity
	Discharge Temperature	-20~60°C(-4F to 140F)@60+25% Relative Humidity
	Storage Temperature	0°C to 40°C(32F to 104F)@60+25% Relative Humidity
<b>Mechanical</b>	Water Dust Resistance	IP50
	BMS	JBD 200A
	Metal Case	Iron
	Dimensions(in./mm.)	552x285x110mm
	Weight (lbs./kg.)	24.5kg
	Terminal	M8



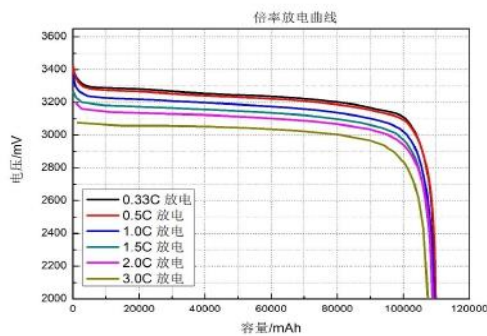
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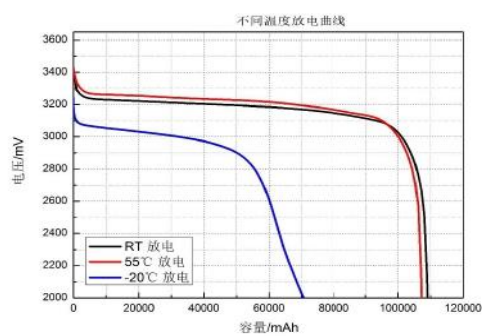
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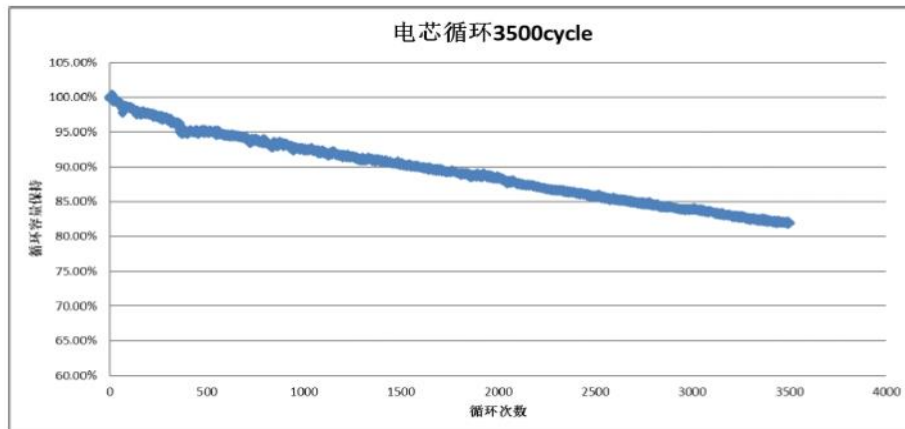
#### 1. Discharge curves at different rates



#### 2. Discharge curves at different temperatures



#### 3. Cycle performance (1.0 C/1.0C charge and discharge) curve



Contact info

<https://atgbatteryshop.com.au/>

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