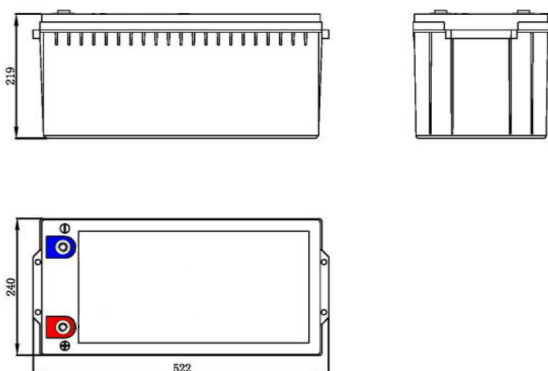


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## I. Structure

The battery consists mainly of positive plates, negative plates, separators, electrolyte, valves, a container and a cover.



## II. Performance Specifications

Rated Voltage	12V	
Rated Capacity	200 Ah ( 10 hr, 1.80 V/cell, 25 °C )	
Approximate N.Weight(Kg)	56.0 kg	
Terminal	M8 (5/16) Copper Terminal	
Maximum Charge Current	50.0 A	
Ambient Temperature	-35~60 °C	
Dimension	Length (mm,±3% )	522 mm
	Width (mm,±3% )	240 mm
	Height (mm,±3% )	219 mm
	Total Height (mm,±3% )	244 mm
Case	ABS	
Application	Solar (wind) house-use system, Off-Grid power station, Solar (wind) communication base station, Solar street light, Mobile energy storage system, Solar traffic light, Solar building system, etc.	

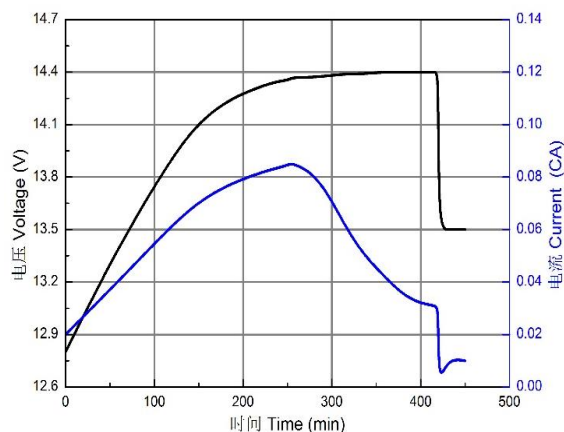
## III. Products Standard

GB/T 22473-2008 IEC 61427-2005

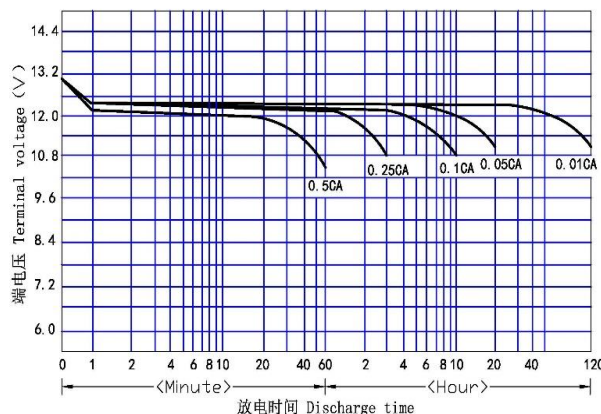
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## IV. Battery Characteristics Graph

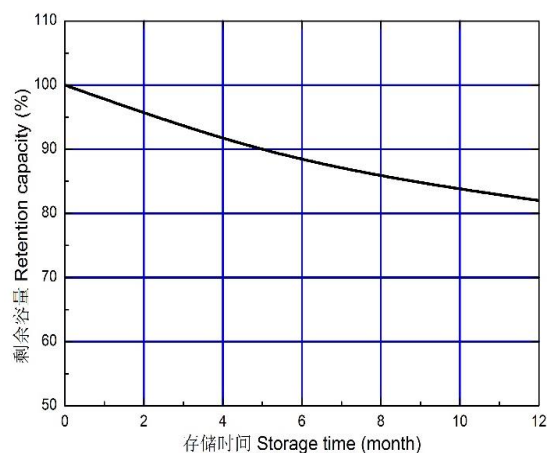
### 1 Charging Curve



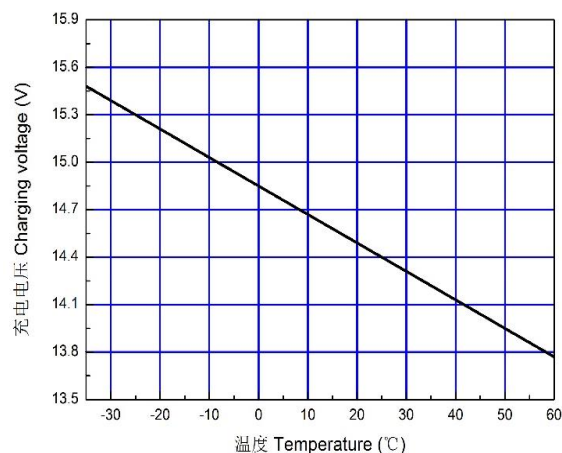
### 2 Discharging Curve(25 °C)



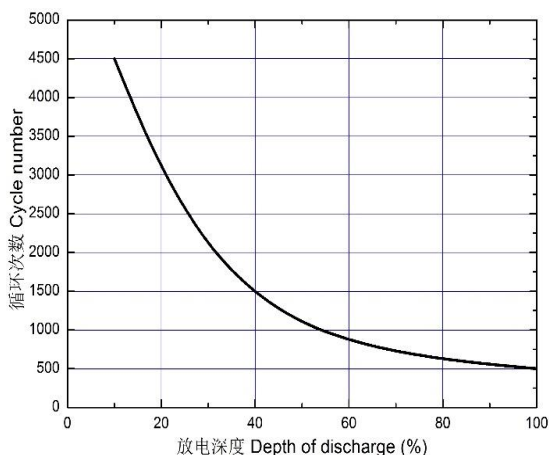
### 3 Self-discharge Characteristics(25 °C)



### 4 Relationship of Charging Voltage and Temperature



### 5 Relationship of Cycle-Life and Depth of Discharge(25 °C)



### 6 Relationship of Capacity and Temperature

