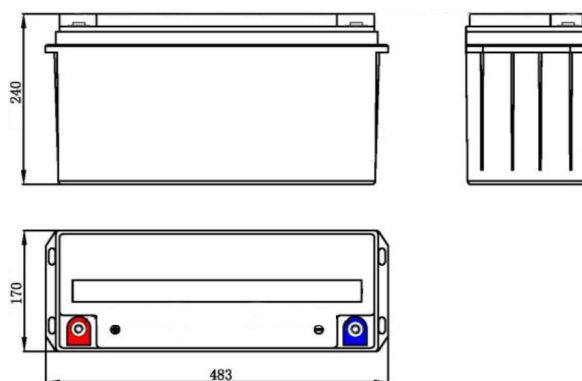


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### I. 结构 Structure

该电池主要由正极板、负极板、隔膜、电解液、安全阀、电池壳和中盖等构成。

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



### II. 基本参数 Performance Specifications

额定电压 Rated Voltage	12V	
额定容量 Rated Capacity	150 Ah (10 hr, 1.80 V/cell, 25 °C)	
参考重量 Approximate N.Weight(Kg)	40.5 kg	
端子 Terminal	Copper Terminal (M8)	
最大充电电流 Maximum Charge Current	37.5 A	
适用温度范围 Ambient Temperature	-35~60 °C	
尺寸 Dimension	长度 Length (mm, ±3%)	483 mm
	宽度 Width (mm, ±3%)	170 mm
	高度 Height (mm, ±3%)	240 mm
	总高度 Total Height (mm, ±3%)	240 mm
槽盖材料 Case	ABS	
应用 Application	适用于太阳能（风能）户用系统、离网电站、太阳能（风能）通讯/通信基站、太阳能（风能）路灯、移动式储能系统、太阳能交通信号灯、太阳能建筑系统等 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. 执行标准 Products Standard

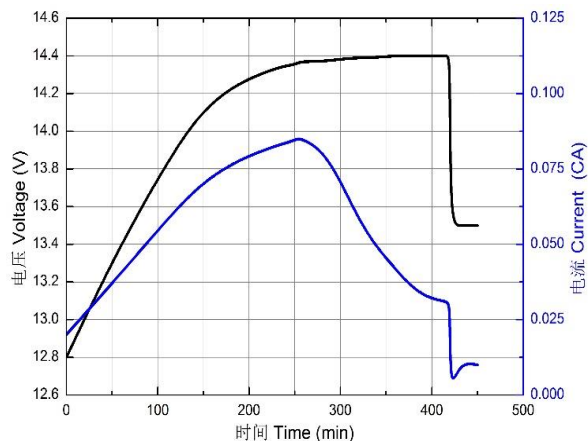
GB/T 22473-2008 IEC 61427-2005



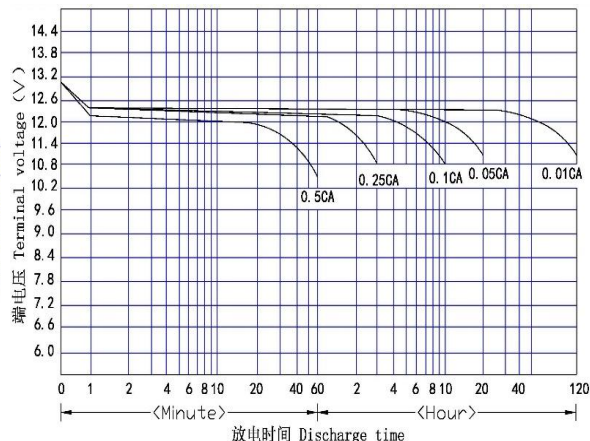
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IV. 电池特性曲线 Battery Characteristics Graph

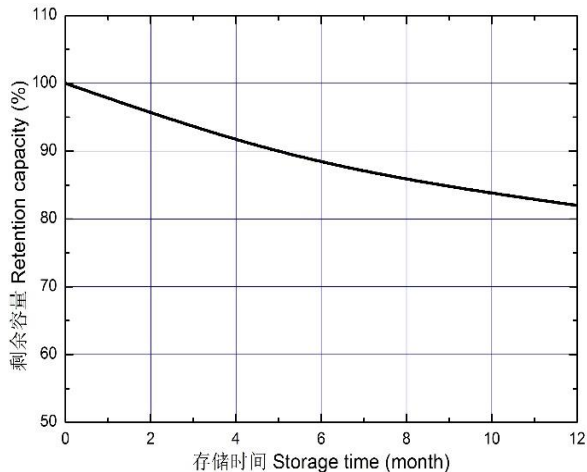
1 充电曲线  
Charging Curve



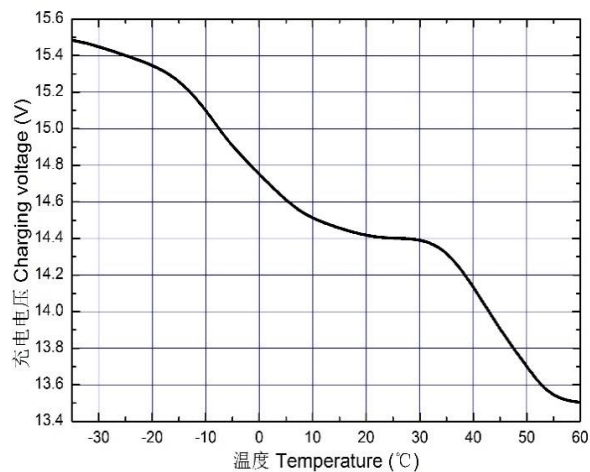
2 放电曲线(25 °C)  
Discharging Curve(25 °C)



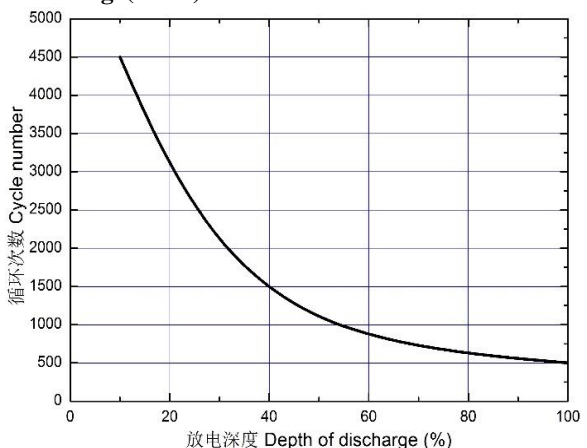
3 存储自放电(25 °C)  
Self-discharge Characteristics(25 °C)



4 充电电压和环境温度的关系  
Relationship of Charging Voltage and Temperature



5 循环次数与放电深度的关系(25 °C)  
Relationship of Cycle-Life and Depth of Discharge(25 °C)



6 容量与环境温度的关系  
Relationship of Capacity and Temperature

