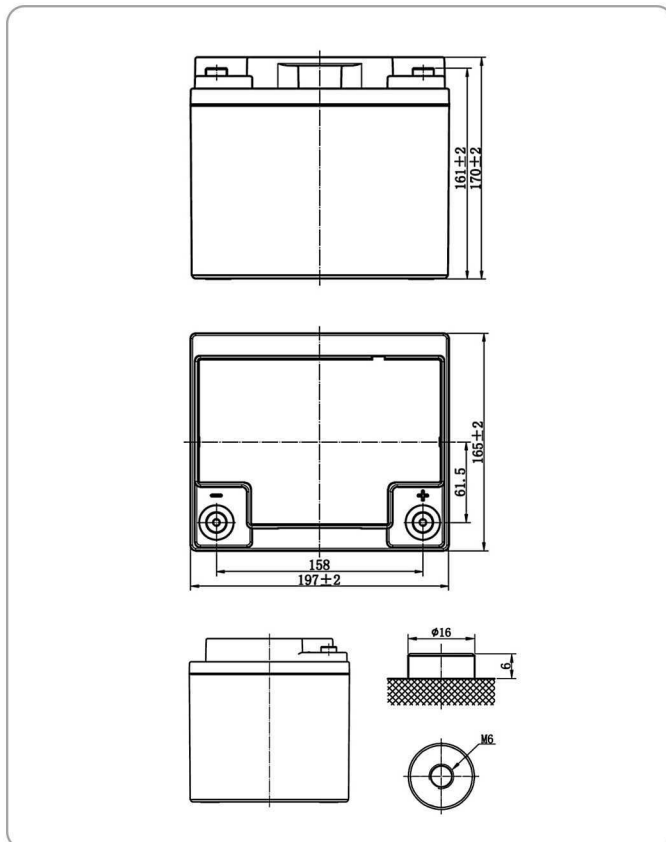


## 产品特点 Product Features

- 电池内部无游离酸，气体复合效率高。
- 特殊板栅合金，配合优质的电解液，充分保证寿命。
- 可靠的密封技术，使用安全可靠。
- 严格的选材及先进的制造工艺，使自放电极小。
- No free acid inside battery, high efficient gas recombination.
- Special alloy of grid, superior electrolyte secures the battery life.
- Reliable sealing technology, safe and reliable.
- Strict selection of materials and advanced manufacturing technology, Low self-discharge.



## 外形尺寸 Dimension (mm)

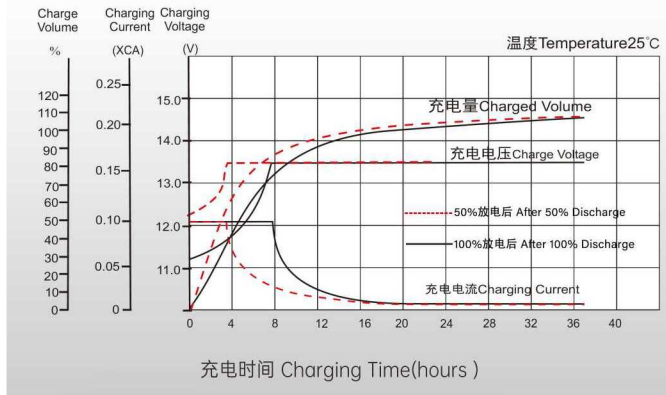


## 电池特征 Battery Characteristics

标称电压 (V) Nominal Voltage		12
容量 Capacity (25°C)	C <sub>20</sub> (2.0A,1.80V/cell)	40.0Ah
	C <sub>10</sub> (3.8A,1.80V/cell)	38.0Ah
	C <sub>5</sub> (10.5A,1.75V/cell)	31.5Ah
	C <sub>1</sub> (24.2A,1.60V/cell)	24.2Ah
外形尺寸 Dimension	长 L (mm)	197
	宽 W (mm)	165
	高 H (mm)	170
	总高 OH (mm)	170
不同环境温度下的放置期限 Storage period at various temperature	20°C以下	9个月
	20°C ~ 30°C	6个月
	30°C ~ 40°C	3个月
重量 Weight		约12.7 kg
端子 Terminal		铜芯(M6)
池壳材料 Container material		ABS
内阻 (完全充电) IR, fully charged (25°C)		≤12 mΩ
最大充电电流 Max.Charging Current (25°C)		11.4A
充电方法 Charge method (25°C)	浮充 Float	13.65V/只
	均充 Equalization	14.1~14.4V/只
设计浮充寿命 Designed floating life		6年(25°C)

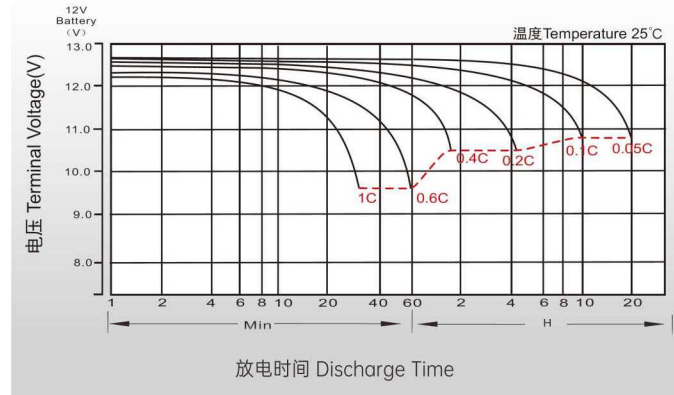
## 电池限流恒压充电特性

### Charge Characteristics at Constant Voltage with Limited Current



## 放电特性

### Discharge Characteristics



## 恒流放电表 Constant Current Discharge Characteristics (A, 25°C)

终止电压	30min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V	37.3	22.0	15.9	13.4	10.3	7.95	6.79	6.12	4.61	3.80	2.00
1.75V	38.1	23.1	16.7	14.1	10.5	8.09	6.92	6.17	4.63	3.84	2.01
1.70V	38.8	23.5	17.1	14.3	10.7	8.24	7.03	6.20	4.70	3.88	2.03
1.65V	39.4	23.9	17.3	14.6	10.8	8.36	7.17	6.23	4.77	3.93	2.06
1.60V	40.0	24.2	17.6	14.8	10.9	8.46	7.27	6.27	4.83	3.97	2.08

## 定功率放电表 Constant Wattage Discharge Characteristics (W/Cell, 25°C)

终止电压	30min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V	68.6	41.0	29.8	25.1	19.4	15.1	12.9	11.7	8.84	7.32	3.85
1.75V	69.5	42.9	31.2	26.3	19.8	15.3	13.1	11.7	8.87	7.38	3.88
1.70V	70.3	43.5	31.6	26.7	20.1	15.5	13.3	11.8	9.00	7.45	3.92
1.65V	70.8	43.9	32.0	27.0	20.2	15.7	13.5	11.8	9.10	7.54	3.96
1.60V	71.1	44.2	32.2	27.2	20.2	15.8	13.6	11.8	9.20	7.61	4.00

## 充电注意 Charging Recommendations

当温度偏离25°C时, 请按每变化1°C, 浮充使用按-18mV/只进行修正, 均充按-24mV/只进行修正。

If the operating temperature varies significantly from the center value (25°C), temperature compensation for the charging voltage is recommended. The recommendation is -18mV/°C/piece for floating use, and -24mV/°C/piece for equalization use.



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认证标识 Approval indication



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