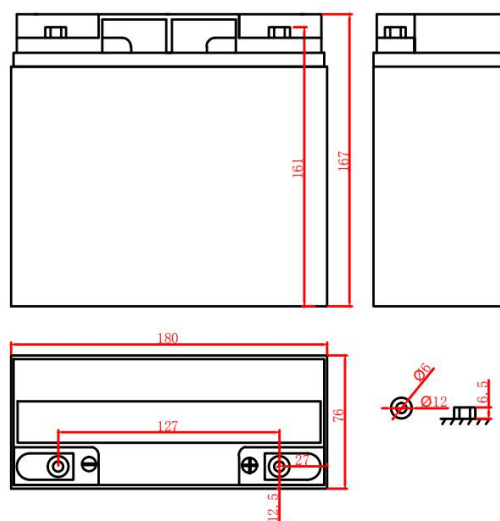


产品特点 Product features

| | | |
|---|---|--|
| 额定电压 Normal voltage | | 12V |
| 额定容量度 Normal capacity (20 hr) | | 17Ah |
| 容量 Capacity 25°C(77°F) | 20hr (0.85A) | ≥17Ah |
| | 10hr (1.575A) | ≥15.75Ah |
| | 1hr (8.65A) | ≥8.65Ah |
| 内阻 Inner resistance | Full charge 25°C(77°F) | ≤16mΩ (仅供参考) |
| 循环使用寿命 Cycling Service life | (GB/T 19639.1-2014) deep discharge | ≥300 cycles |
| 浮充使用寿命 Floating charge life | 25°C(77°F)Voltage of Floating charge: 13.8V | ≥3 years |
| 温度的影响 Temperature works on capacity (10 hr) | 40°C (104°F) | ≥105% |
| | 25°C (77°F °F) | ≥100% |
| | 0°C (32°F) | ≥85% |
| | -15°C (5°F) | ≥70% |
| 荷电保持 Self-discharge 25°C(77°F) | Residual Capacitance (90 days) | ≥80% |
| 气体析出量 Amount of gas evolution 25°C(77°F) | testing standard GB/T 19639.1-2014 U _{flo} | ≤0.04ml/(Ah · h) |
| 大电流耐受能力 maximum discharge current 25°C(77°F) | 放电时间 discharge time 5sec | ≥51A |
| 充电方法 Charge method 25°C(77°F) | 循环使用 Cycling | 初始电流≤4.25A,恒压 14.4-14.8V Beginning current ≤4.25A, Isobarically 14.4-14.8V |
| | 浮充使用 Floating charge | 恒压 13.5-13.8 Isobarically 13.5-13.8V |

阀控密铅酸蓄电池

valve-regulated lead acid battery



包装尺寸 Package dimension

| | | |
|-----------------------------------|------|-----------------|
| 电池尺寸 dimension (L*W*H*TH) | mm±1 | 180*76*167*167 |
| | inch | 7.1*3*6.57*6.57 |
| 外包装尺寸 Box dimension (L*W*H) | mm | 327*188*193 |
| | inch | 12.87*7.40*7.60 |
| 每箱电池数 PCS/Carton | | 4 |
| 单个净重 Net weight | | 5kg±3% |

材料 Product material

| | | | | |
|-----------------|----------------------|----------------------|---------------------|--------------|
| 成份 Component | 正极板 Anode plate | 负极板 Cathode plate | 外壳 crust | 安全阀 valve |
| 材料 Material | 铅化合物 Lead dioxide | 铅 lead | ABS | 橡胶 rubber |
| 成份 Component | 端子 terminal | 隔板 separator | 电解液 electrolyte | --- |
| 材料 Material | 铜合金 Cu-alloy | 玻璃纤维 AGM | 硫酸 Sulfuric acid | --- |

以上各项参数仅供参考，如有更改不另行通知。

恒流放电特性 Constant Current Discharge Characteristics : A(25°C)

| 电压/时间 | 15min | 30min | 1HR | 2HR | 3HR | 4HR | 5HR | 8HR | 10HR | 20HR |
|-------|-------|-------|------|------|------|------|------|------|------|------|
| 9.60V | 31.5 | 20.7 | 10.8 | 6.30 | 4.64 | 3.72 | 3.16 | 2.08 | 1.70 | 0.93 |
| 10.2V | 28.9 | 19.7 | 10.1 | 6.04 | 4.50 | 3.60 | 3.10 | 2.05 | 1.67 | 0.91 |
| 10.5V | 27.0 | 19.0 | 9.81 | 5.93 | 4.42 | 3.42 | 3.06 | 2.03 | 1.66 | 0.90 |
| 10.8V | 25.2 | 18.5 | 9.48 | 5.77 | 4.35 | 3.36 | 2.93 | 1.97 | 1.61 | 0.88 |
| 11.1V | 23.4 | 18 | 9.15 | 5.63 | 4.13 | 3.30 | 2.80 | 1.92 | 1.58 | 0.86 |

恒功率放电特性 Constant Power Discharge Characteristics : W(25°C)

| 电压/时间 | 15min | 30min | 1HR | 2HR | 3HR | 4HR | 5HR | 8HR | 10HR | 20HR |
|-------|-------|-------|-----|------|------|------|------|------|------|------|
| 9.60V | 338 | 223 | 117 | 69.2 | 51.6 | 41.9 | 35.9 | 23.9 | 19.7 | 10.8 |
| 10.2V | 324 | 221 | 115 | 69.7 | 52.1 | 41.9 | 36.1 | 24.0 | 19.6 | 10.6 |
| 10.5V | 308 | 219 | 114 | 68.7 | 51.6 | 40.0 | 35.9 | 23.8 | 19.6 | 10.6 |
| 10.8V | 290 | 215 | 110 | 67.6 | 51.3 | 39.7 | 34.6 | 23.4 | 19.2 | 10.5 |
| 11.1V | 272 | 211 | 108 | 66.5 | 49.0 | 39.3 | 33.4 | 23.0 | 19.0 | 10.4 |

图-1 浮充使用充电特性曲线

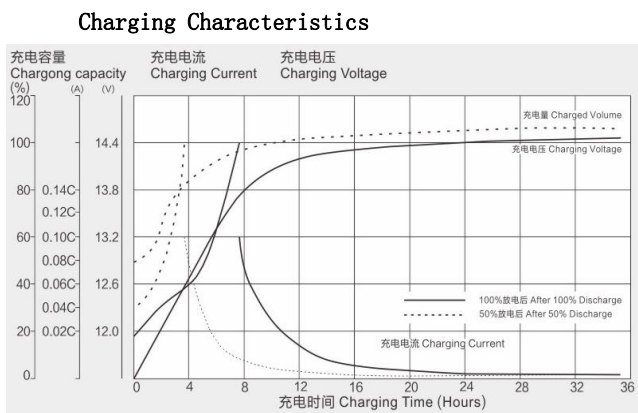


图-3 温度寿命特性

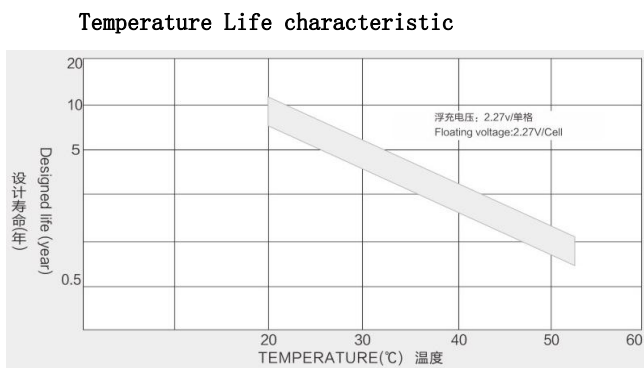


图-5 放电深度对循环使用寿命的影响

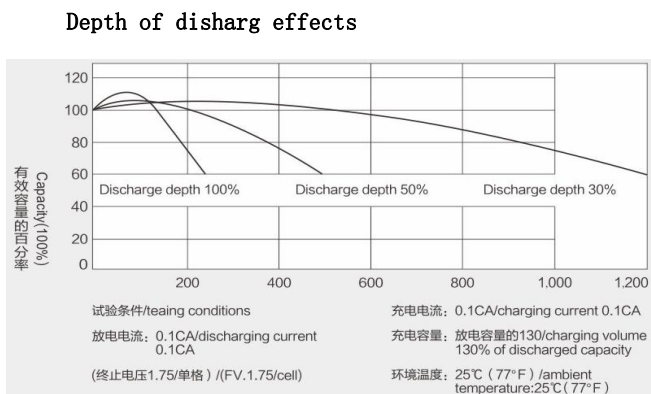


图-2 放电特性曲线

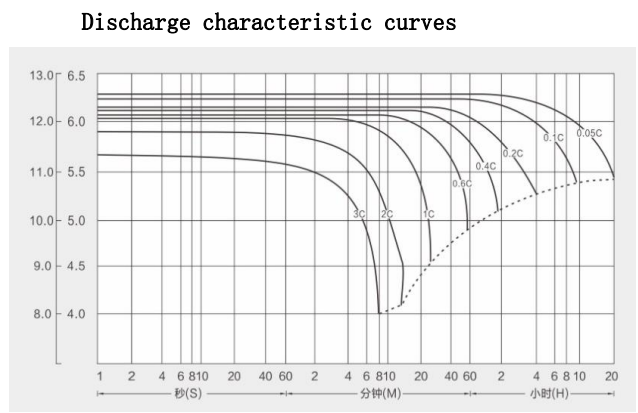


图-4 自放电特性及补充电方法

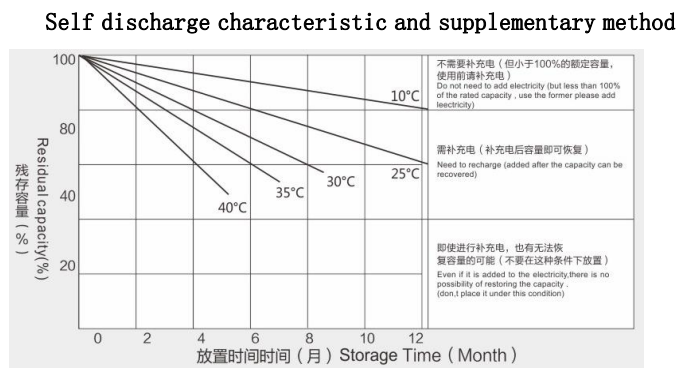


图-6 循环寿命

