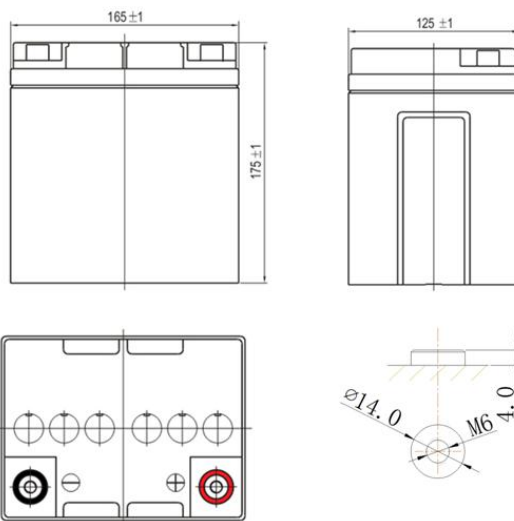


产品特点 Product features

| | | |
|---|---|--|
| 额定电压 Normal voltage | | 12V |
| 额定容量度 Normal capacity (20 hr) | | 24Ah |
| 容量 Capacity 25°C(77°F) | 20hr (1.2A) | ≥24Ah |
| | 10hr (2.2A) | ≥22.2Ah |
| | 1hr (12.5A) | ≥12.5Ah |
| 内阻 Inner resistance | Full charge 25°C(77°F) | ≤12mΩ (仅供参考) |
| 循环使用寿命 Cycling Service life | (GB/T 19639.1-2014) deep discharge | ≥800 cycles |
| 浮充使用寿命 Floating charge life | 25°C(77°F)Voltage of Floating charge: 13.8V | ≥10 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 | ≥260A |
| 充电方法 Charge method 25°C (77°F) | 循环使用 Cycling | 初始电流≤7.2A,恒压 14.4-14.8V Beginning current ≤7.2A, Isobarically 14.4-14.8V |
| | 浮充使用 Floating charge | 恒压 13.5-13.8 Isobarically 13.5-13.8V |

阀控式密封铅酸蓄电池

valve-regulated gel battery



包装尺寸 Package dimension

| | | |
|-----------------------------------|------|-----------------|
| 电池尺寸 dimension (L*W*H*TH) | mm±1 | 165*125*175*175 |
| | inch | 6.49*4.92*6.88 |
| 外包装尺寸 Box dimension (L*W*H) | mm | 266*172*222 |
| | inch | 10.47*6.77*8.74 |
| 每箱电池数 PCS/ Carton | | 2 |
| 单个净重 Net weight | | 7.3kg±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 | 胶体-硫酸 Gel-vitriol | --- |

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 | 49.58 | 26.39 | 16.90 | 9.713 | 6.809 | 5.546 | 4.558 | 3.002 | 2.599 | 1.391 |
| 10.0V | 47.99 | 26.05 | 16.67 | 9.517 | 6.683 | 5.467 | 4.517 | 2.990 | 2.572 | 1.380 |
| 10.2V | 46.65 | 25.65 | 16.51 | 9.416 | 6.624 | 5.413 | 4.487 | 2.963 | 2.533 | 1.341 |
| 10.5V | 44.00 | 24.95 | 16.31 | 9.293 | 6.565 | 5.332 | 4.450 | 2.937 | 2.520 | 1.313 |
| 10.8V | 41.52 | 24.12 | 16.09 | 9.217 | 6.488 | 5.150 | 4.428 | 2.925 | 2.478 | 1.260 |
| 11.1V | 38.30 | 23.21 | 15.70 | 9.034 | 6.361 | 5.076 | 4.409 | 2.901 | 2.440 | 1.240 |

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 | 547.0 | 302.1 | 202.0 | 114.5 | 81.41 | 66.38 | 54.60 | 35.95 | 31.14 | 16.69 |
| 9.60V | 539.2 | 298.9 | 199.0 | 112.9 | 112.9 | 65.45 | 54.11 | 35.81 | 30.84 | 16.56 |
| 10.2V | 532.1 | 296.4 | 197.6 | 112.0 | 112.0 | 64.83 | 53.78 | 35.54 | 30.45 | 16.13 |
| 10.5V | 504.4 | 290.3 | 194.9 | 110.8 | 110.8 | 63.96 | 53.35 | 35.24 | 30.23 | 15.86 |
| 10.8V | 476.5 | 283.4 | 192.4 | 110.0 | 110.0 | 61.80 | 53.11 | 35.09 | 29.77 | 15.22 |
| 11.1V | 448.8 | 275.6 | 188.1 | 108.4 | 108.4 | 60.91 | 52.91 | 34.84 | 29.33 | 14.98 |

图-1 浮充使用充电特性曲线

Charging Characteristics

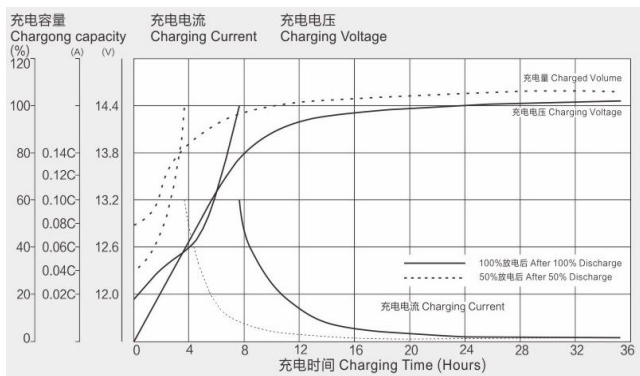


图-3 温度寿命特性

Temperature Life characteristic

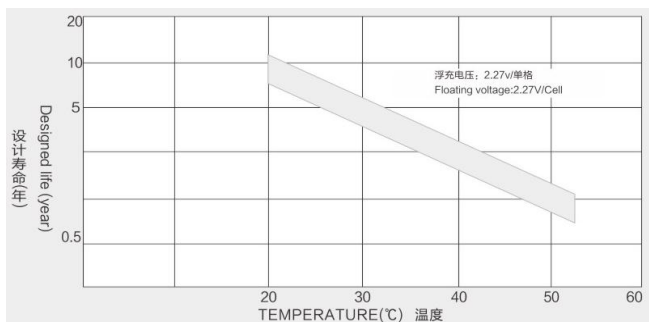


图-5 放电深度对循环使用寿命的影响

Depth of discharge effects

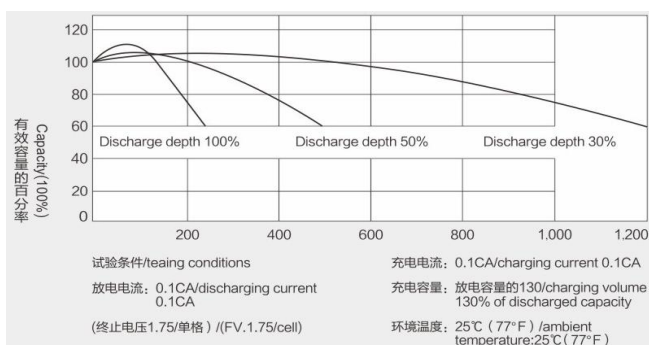


图-2 放电特性曲线

Discharge characteristic curves

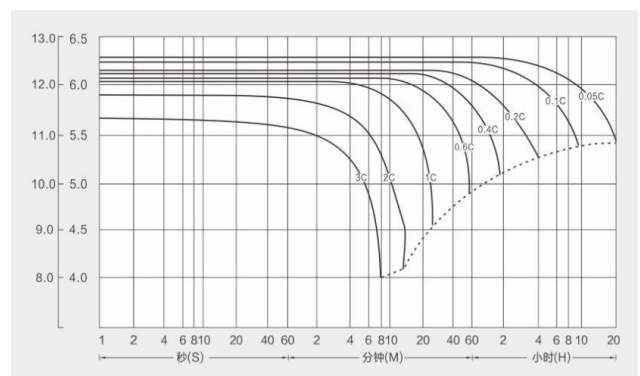


图-4 自放电特性及补充方法

Self discharge characteristic and supplementary method

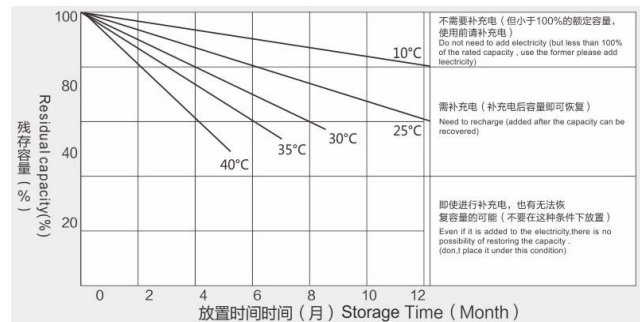


图-6 循环寿命

Cycle life

