



# 常规系列 (General purpose) DJ200(2V200Ah)

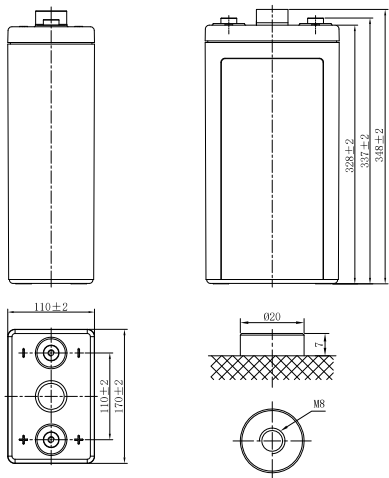


## 规格 Specifications

|               |                                                 |         |                   |                         |
|---------------|-------------------------------------------------|---------|-------------------|-------------------------|
| 额定电压          | Rated Voltage                                   |         |                   | 2V                      |
| 标称容量          | Nominal Capacity (C <sub>10</sub> , 1.80V/cell) |         |                   | 200Ah                   |
| 尺寸            | Dimension                                       | 长       | Length            | 170mm±2 (6.69 in.)      |
|               |                                                 | 宽       | Width             | 110mm±2 (4.33 in.)      |
|               |                                                 | 高       | Container Height  | 328mm±2 (12.9 in.)      |
|               |                                                 | 总高(含端子) | Total Height      | 348mm±2 (13.7 in.)      |
| 重量            | Approx Weight                                   |         |                   | 13.5 Kg (29.8 lbs)      |
| 端子            | Terminal                                        |         |                   | M8                      |
| 外壳材料          | Container Material                              |         |                   | ABS                     |
| 额定容量          | Rated Capacity (25°C)                           |         | 212.0Ah           | C20(10.6A, 1.80V/cell)  |
|               |                                                 |         | 200.0Ah           | C10(20.0A, 1.80V/cell)  |
|               |                                                 |         | 175.0 Ah          | C5(35.0A, 1.75V/cell)   |
|               |                                                 |         | 156.0 Ah          | C3(52.0A, 1.75V/cell)   |
|               |                                                 |         | 117.0Ah           | C1(117.0A, 1.67V/cell)  |
| 5S最大放电电流      | Max. Discharge Current                          |         |                   | 1600A                   |
| 内阻            | Internal Resistance (25°C)                      |         |                   | Approx.0.90mΩ           |
| 运行温度          | Operating Temp.Range                            | 放电      | Discharge         | -20 ~ 55°C (-4 ~ 131°F) |
|               |                                                 | 充电      | Charge            | 0 ~ 40°C (32 ~ 104°F)   |
|               |                                                 | 存储      | Storage           | -15 ~ 50°C (5 ~ 122°F)  |
| 推荐温度          | Nominal Operating Temp. Range                   |         |                   | 25±5°C (77±5°F)         |
| 最大充电电流 (25°C) | Max.Charging Current                            |         |                   | 60.0A                   |
| 充电电压 (25°C)   | Charge voltage                                  | 浮充      | Float             | 2.23~2.27V              |
|               |                                                 | 温度补偿    | Temp. Coefficient | -3mV/单格/°C              |
|               |                                                 | 均充      | Equalization      | 2.30~2.35V              |
| 温度对容量影响       | Effect of temp. to Capacity                     |         | 40°C (104°F)      | 105%                    |
|               |                                                 |         | 25°C (77°F)       | 100%                    |
|               |                                                 |         | 0°C (32°F)        | 86%                     |
| 自放电           | Self Discharge                                  |         |                   | ≤3%/月 @ 25°C            |



## 外形 Layout



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

| F.V/Time   | 30min | 45min | 1h    | 1.5h | 2h   | 3h   | 4h   | 5h   | 6h   | 8h   | 10h  | 20h  |
|------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 1.85V/cell | 139.2 | 110.1 | 96.3  | 76.0 | 61.5 | 46.8 | 37.7 | 31.8 | 27.6 | 22.4 | 18.7 | 10.0 |
| 1.80V/cell | 157.4 | 123.1 | 106.6 | 83.1 | 66.9 | 50.6 | 40.6 | 34.2 | 29.6 | 24.0 | 20.0 | 10.6 |
| 1.75V/cell | 164.5 | 128.1 | 110.5 | 85.9 | 69.0 | 52.0 | 41.6 | 35.0 | 30.2 | 24.4 | 20.3 | 10.7 |
| 1.70V/cell | 175.6 | 132.9 | 114.6 | 88.8 | 71.2 | 53.5 | 42.6 | 35.8 | 30.9 | 24.9 | 20.6 | 10.9 |
| 1.67V/cell | 187.8 | 135.9 | 117.0 | 90.4 | 72.4 | 54.3 | 43.2 | 36.2 | 31.2 | 25.1 | 20.8 | 11.0 |
| 1.60V/cell | 189.9 | 142.9 | 122.7 | 94.4 | 75.4 | 56.3 | 44.7 | 37.4 | 32.1 | 25.7 | 21.3 | 11.1 |

## 恒功率放电表(W) 25 °C Constant Power Discharge

| F.V/Time   | 30min | 45min | 1h    | 1.5h  | 2h    | 3h    | 4h   | 5h   | 6h   | 8h   | 10h  | 20h  |
|------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| 1.85V/cell | 269.0 | 213.4 | 187.2 | 148.1 | 120.3 | 91.8  | 74.0 | 62.5 | 54.4 | 44.3 | 37.1 | 20.0 |
| 1.80V/cell | 301.6 | 236.9 | 205.8 | 161.1 | 130.2 | 98.9  | 79.5 | 67.2 | 58.2 | 47.3 | 39.5 | 21.1 |
| 1.75V/cell | 312.6 | 244.6 | 211.9 | 165.5 | 133.4 | 101.1 | 81.2 | 68.5 | 59.2 | 48.1 | 40.1 | 21.3 |
| 1.70V/cell | 330.7 | 251.9 | 218.2 | 170.1 | 137.0 | 103.6 | 82.9 | 69.8 | 60.4 | 48.8 | 40.6 | 21.6 |
| 1.67V/cell | 350.2 | 256.3 | 221.7 | 172.5 | 138.8 | 104.8 | 83.9 | 70.6 | 61.0 | 49.3 | 40.9 | 21.7 |
| 1.60V/cell | 351.2 | 266.7 | 230.3 | 178.7 | 143.5 | 108.1 | 86.2 | 72.4 | 62.4 | 50.3 | 41.7 | 22.1 |



# 常规系列 (General purpose) DJ200(2V200Ah)



## 应用 Applications

- 通讯  
Telecommunications
- UPS、数据机房  
UPS、Data Rooms
- 紧急照明、安防  
Emergency Lighting、Security
- 储能、电力  
Energy Storage、Electric Systems
- 新能源系统  
New Energy Systems

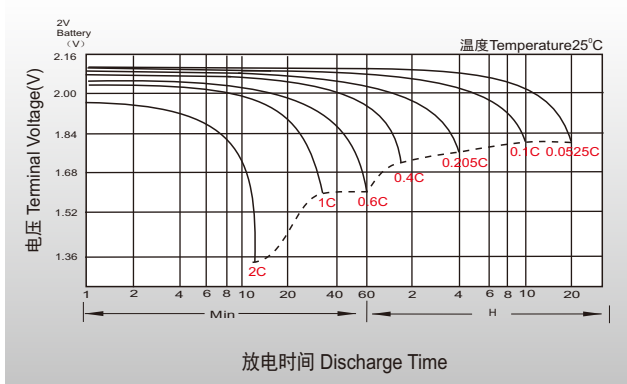
## 特征 General Features

- 25°C下, 设计浮充寿命可达16年。  
Under 25°C, the designed floating life is up to 16 years.
- 特殊的排气结构和密封技术, 使用安全可靠, 安装灵活, 维护便捷。  
Special exhaust structure and sealing technology, safe and reliable, flexible installation, convenient maintenance.

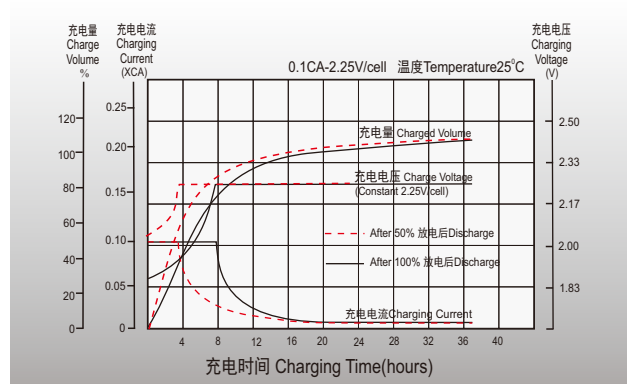
## 标准 Standards

- 符合IEC 60896, GB/T19638, YD/T 799 和DL/T 637标准  
Compliance with IEC 60896, GB/T19638, YD/T 799 and DL/T 637 standards
- UL 认证, 泰尔认证, UL 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@IATF16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

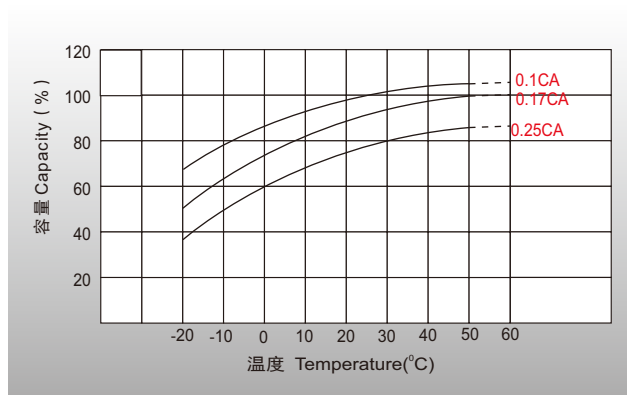
## 放电特性曲线 Discharge Characteristics



## 浮充特性曲线 Float Charging Characteristics



## 温度对容量影响 Temperature Effects in Relation to Battery Capacity



## 温度对浮充寿命影响 Temperature Effects on Long Term Float Life

