



# 常规系列 (General purpose) DJW12-8.8(12V8.8Ah)

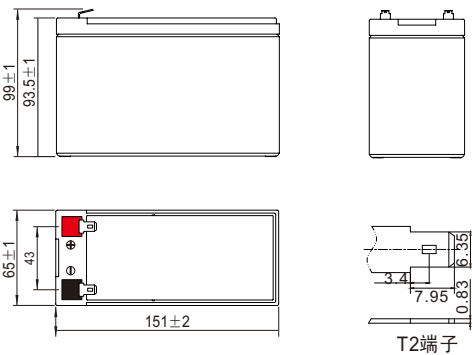


## 规格 Specifications

|                                                    |                            |                         |
|----------------------------------------------------|----------------------------|-------------------------|
| 额定电压 Rated Voltage                                 | 12V                        |                         |
| 标称容量 Nominal Capacity(C <sub>20</sub> ,1.80V/cell) | 8.8Ah                      |                         |
| 尺寸 Dimension                                       | 长 Length                   | 151±2mm (5.95 in.)      |
|                                                    | 宽 Width                    | 65±1mm (2.56 in.)       |
|                                                    | 高 Container Height         | 93.5±1mm (3.68 in.)     |
|                                                    | 总高(含端子) Total Height       | 99.5±1mm (3.90 in.)     |
| 重量 Approx Weight                                   | 2.66 Kg (5.9 lbs)          |                         |
| 端子 Terminal                                        | T1/T2                      |                         |
| 外壳材料 Container Material                            | ABS                        |                         |
| 额定容量 Rated Capacity (25°C)                         | 8.80 Ah                    | C20(0.440A,1.80V/cell)  |
|                                                    | 8.22 Ah                    | C10(0.822A,1.80V/cell)  |
|                                                    | 7.30 Ah                    | C5(1.46A,1.75V/cell)    |
|                                                    | 6.45 Ah                    | C3(2.15A,1.75V/cell)    |
|                                                    | 5.24 Ah                    | C1(5.24A,1.67V/cell)    |
| 5S最大放电电流 Max. Discharge Current                    | 132A (5s)                  |                         |
| 内阻 Internal Resistance (25°C)                      | Approx 15.0mΩ              |                         |
| 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                  | 2.64A                      |                         |
| 充电电压 (25°C) Charge voltage                         | 浮充 Float                   | 13.5V                   |
|                                                    | 温度补偿 Temp. Coefficient     | -3mV/单格/°C              |
|                                                    | 循环(均充) Cycle(Equalization) | 13.6~13.8V              |
| 温度对容量影响 Effect of temp. to Capacity                | 40°C (104°F)               | 106%                    |
|                                                    | 25°C (77°F)                | 100%                    |
|                                                    | 0°C (32°F)                 | 86%                     |
| 自放电 Self Discharge                                 | ≤3%/月 @ 25°C               |                         |



## 外形 Layout



T2端子

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

| F.V/Time   | 5min | 10min | 15min | 20min | 30min | 45min | 1h   | 1.5h | 2h   | 3h   | 4h   | 5h   | 6h   | 8h   | 10h   | 20h   |
|------------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|-------|
| 1.85V/cell | 20.1 | 14.6  | 12.5  | 10.6  | 7.77  | 5.68  | 4.53 | 3.39 | 2.68 | 2.00 | 1.63 | 1.39 | 1.20 | 0.95 | 0.788 | 0.432 |
| 1.80V/cell | 24.2 | 17.2  | 14.2  | 11.6  | 8.37  | 6.03  | 4.81 | 3.55 | 2.82 | 2.09 | 1.71 | 1.43 | 1.24 | 0.98 | 0.822 | 0.440 |
| 1.75V/cell | 27.0 | 18.8  | 15.2  | 12.2  | 8.69  | 6.28  | 4.99 | 3.69 | 2.92 | 2.15 | 1.74 | 1.46 | 1.27 | 1.00 | 0.834 | 0.450 |
| 1.70V/cell | 29.5 | 20.0  | 16.1  | 12.8  | 9.03  | 6.45  | 5.09 | 3.74 | 2.97 | 2.19 | 1.77 | 1.49 | 1.29 | 1.02 | 0.845 | 0.454 |
| 1.67V/cell | 32.0 | 21.1  | 16.8  | 13.3  | 9.35  | 6.64  | 5.24 | 3.84 | 3.03 | 2.23 | 1.80 | 1.52 | 1.31 | 1.03 | 0.855 | 0.459 |
| 1.60V/cell | 33.7 | 22.2  | 17.4  | 13.8  | 9.61  | 6.82  | 5.35 | 3.91 | 3.10 | 2.28 | 1.84 | 1.55 | 1.34 | 1.05 | 0.867 | 0.468 |

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

| F.V/Time   | 5min | 10min | 15min | 20min | 30min | 45min | 1h   | 1.5h | 2h   | 3h   | 4h   | 5h   | 6h   | 8h   | 10h  | 20h   |
|------------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|
| 1.85V/cell | 38.1 | 28.1  | 24.1  | 20.7  | 15.2  | 11.1  | 8.91 | 6.66 | 5.31 | 3.99 | 3.25 | 2.76 | 2.40 | 1.91 | 1.58 | 0.872 |
| 1.80V/cell | 45.2 | 32.5  | 27.0  | 22.3  | 16.2  | 11.8  | 9.46 | 6.99 | 5.57 | 4.15 | 3.39 | 2.85 | 2.49 | 1.97 | 1.64 | 0.886 |
| 1.75V/cell | 50.1 | 35.2  | 28.6  | 23.3  | 16.8  | 12.2  | 9.80 | 7.22 | 5.71 | 4.24 | 3.44 | 2.92 | 2.52 | 1.99 | 1.66 | 0.900 |
| 1.70V/cell | 53.8 | 37.1  | 30.1  | 24.3  | 17.3  | 12.4  | 9.90 | 7.27 | 5.80 | 4.29 | 3.49 | 2.95 | 2.54 | 2.02 | 1.67 | 0.902 |
| 1.67V/cell | 57.5 | 38.6  | 31.1  | 25.0  | 17.7  | 12.7  | 10.1 | 7.38 | 5.84 | 4.33 | 3.52 | 2.97 | 2.57 | 2.03 | 1.68 | 0.904 |
| 1.60V/cell | 59.1 | 39.5  | 31.6  | 25.3  | 17.9  | 12.9  | 10.2 | 7.46 | 5.94 | 4.40 | 3.55 | 3.00 | 2.61 | 2.05 | 1.70 | 0.915 |



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## 应用 Applications

- 通讯  
Telecommunications
- UPS、数据中心  
UPS、Data Center
- 储能、电力  
Energy Storage、Electric Systems
- 紧急照明、安防  
Emergency Lighting、Security
- 医疗、电子设备  
Medical、Electronic Equipment
- 动力  
Motive Power

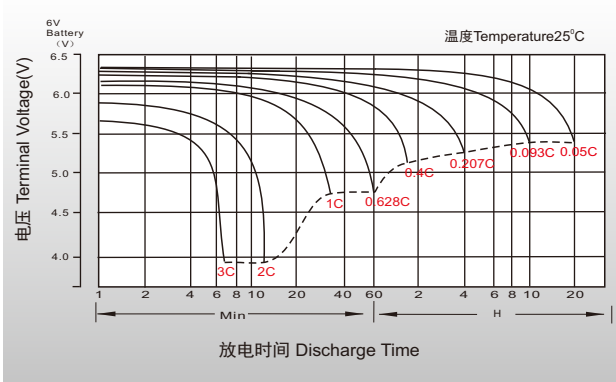
## 特征 General Features

- 25°C下, 设计浮充寿命可达5年。  
Under 25°C, the designed floating life is up to 5 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.

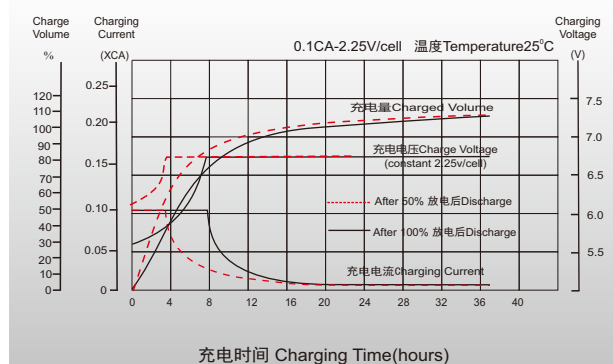
## 标准 Standards

- 符合IEC 61056, GB/T19639  
Compliance with IEC 61056, GB/T19639
- UL 认证  
UL Certified
- 企业通过了TS16949, OHSAS 18001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@TS16949, OHSAS 18001, ISO 9001 and ISO 14001 certified production facilities

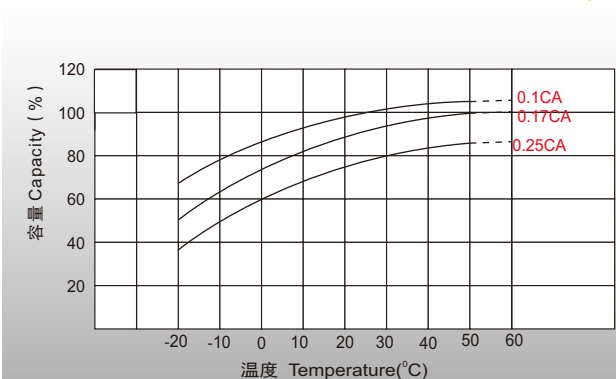
## 放电特性曲线 Discharge Characteristics



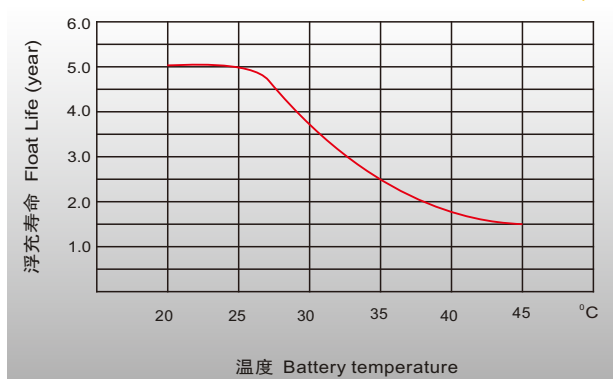
## 浮充特性曲线 Float Charging Characteristics



## 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



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