

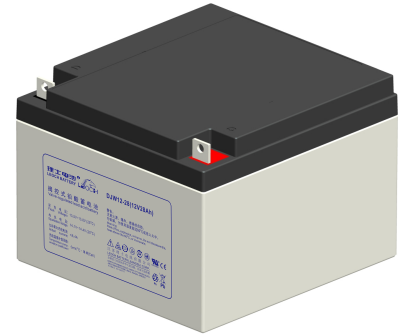


# 常规系列 (General purpose) DJW12-28(12V28Ah)

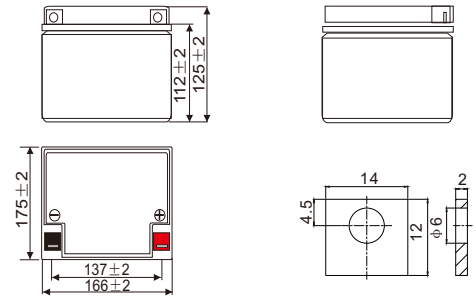


## 规格 Specifications

|  |                            |                         |
|--|----------------------------|-------------------------|
| 额定电压 Rated Voltage                                 | 12V                        |                         |
| 标称容量 Nominal Capacity(C <sub>20</sub> ,1.80V/cell) | 28Ah                       |                         |
| 尺寸 Dimension                                       | 长 Length                   | 166±2mm (6.56 in.)      |
|  | 宽 Width                    | 175±2mm (6.89 in.)      |
|  | 高 Container Height         | 125±2mm (4.92 in.)      |
|  | 总高(含端子) Total Height       | 125±2mm (4.92 in.)      |
| 重量 Approx Weight                                   | 8.6 Kg (19.0 lbs)          |                         |
| 端子 Terminal  | T3                         |                         |
| 外壳材料 Container Material                            | ABS                        |                         |
| 额定容量 Rated Capacity (25°C)                         | 28.00 Ah                   | C20(1.40A,1.80V/cell)   |
|  | 26.00 Ah                   | C10(2.60A,1.80V/cell)   |
|  | 23.50 Ah                   | C5(4.70A,1.75V/cell)    |
|  | 20.55 Ah                   | C3(6.85A,1.75V/cell)    |
|  | 16.60 Ah                   | C1(16.6A,1.67V/cell)    |
| 5S最大放电电流 Max. Discharge Current                    | 420A (5s)                  |                         |
| 内阻 Internal Resistance (25°C)                      | Approx 14.0mΩ              |                         |
| 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                   | 8.4A                       |                         |
| 充电电压(25°C) Charge voltage                          | 浮充 Float                   | 13.5~13.8V              |
|  | 温度补偿 Temp. Coefficient     | -3mV/单格/°C              |
|  | 循环(均充) Cycle(Equalization) | 14.1~14.4V              |
| 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



## 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 | 53.8  | 37.5  | 30.9  | 26.7  | 21.5  | 16.5  | 13.5 | 10.1 | 8.26 | 6.29 | 5.18 | 4.40 | 3.81 | 3.02 | 2.52 | 1.39 |
| 1.80V/cell | 66.1  | 44.7  | 35.8  | 30.4  | 23.8  | 18.0  | 14.6 | 10.8 | 8.78 | 6.62 | 5.45 | 4.58 | 3.98 | 3.14 | 2.60 | 1.40 |
| 1.75V/cell | 78.3  | 50.5  | 39.5  | 33.0  | 25.5  | 19.2  | 15.3 | 11.3 | 9.16 | 6.85 | 5.61 | 4.70 | 4.07 | 3.22 | 2.66 | 1.41 |
| 1.70V/cell | 88.9  | 55.7  | 42.8  | 35.4  | 26.7  | 19.9  | 16.0 | 11.7 | 9.53 | 7.07 | 5.75 | 4.82 | 4.17 | 3.28 | 2.70 | 1.44 |
| 1.67V/cell | 98.0  | 59.9  | 45.2  | 37.2  | 27.9  | 20.7  | 16.6 | 12.2 | 9.81 | 7.25 | 5.87 | 4.93 | 4.24 | 3.32 | 2.73 | 1.46 |
| 1.60V/cell | 102.8 | 62.4  | 47.2  | 38.4  | 28.6  | 21.1  | 17.0 | 12.4 | 10.1 | 7.43 | 6.02 | 5.03 | 4.33 | 3.39 | 2.79 | 1.47 |

## 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 | 101.4 | 71.4  | 59.5  | 51.9  | 42.0  | 32.48 | 26.6 | 19.9 | 16.4 | 12.5 | 10.3 | 8.79 | 7.63 | 6.08 | 5.07 | 2.80 |
| 1.80V/cell | 123.2 | 84.3  | 68.3  | 58.2  | 46.1  | 35.1  | 28.6 | 21.2 | 17.3 | 13.1 | 10.8 | 9.10 | 7.91 | 6.27 | 5.22 | 2.81 |
| 1.75V/cell | 144.2 | 94.4  | 74.6  | 63.0  | 48.9  | 37.1  | 29.8 | 22.1 | 17.9 | 13.5 | 11.0 | 9.30 | 8.06 | 6.40 | 5.28 | 2.83 |
| 1.70V/cell | 161.8 | 103.0 | 80.1  | 67.1  | 51.1  | 38.4  | 30.9 | 22.9 | 18.6 | 13.8 | 11.3 | 9.48 | 8.20 | 6.45 | 5.35 | 2.86 |
| 1.67V/cell | 176.0 | 109.3 | 83.7  | 69.7  | 52.8  | 39.6  | 32.1 | 23.7 | 19.0 | 14.1 | 11.4 | 9.65 | 8.33 | 6.52 | 5.39 | 2.88 |
| 1.60V/cell | 181.9 | 112.6 | 86.2  | 71.1  | 53.6  | 40.0  | 32.5 | 23.9 | 19.4 | 14.3 | 11.6 | 9.77 | 8.46 | 6.64 | 5.45 | 2.89 |



# 常规系列 (General purpose) DJW12-28(12V28Ah)



## 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

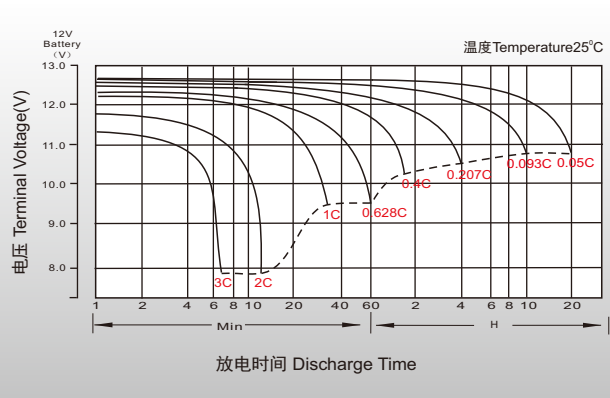
## 特征 General Features

- 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.

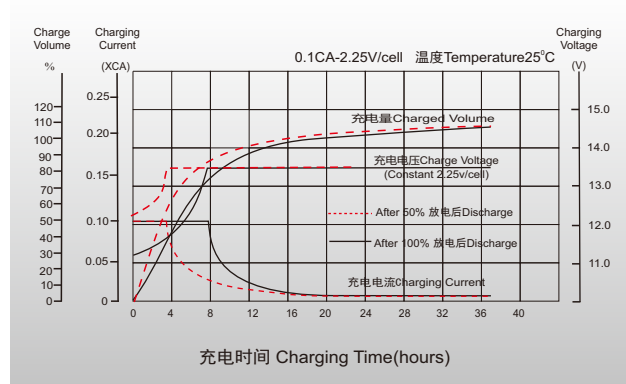
## 标准 Standards

- 符合IEC 61056, GB/T19639  
Compliance with IEC 61056, GB/T19639
- UL 认证  
UL Certified
- 企业通过了IATF16949, OHSAS 18001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@IATF16949, OHSAS 18001, ISO 9001 and ISO 14001 certified production facilities

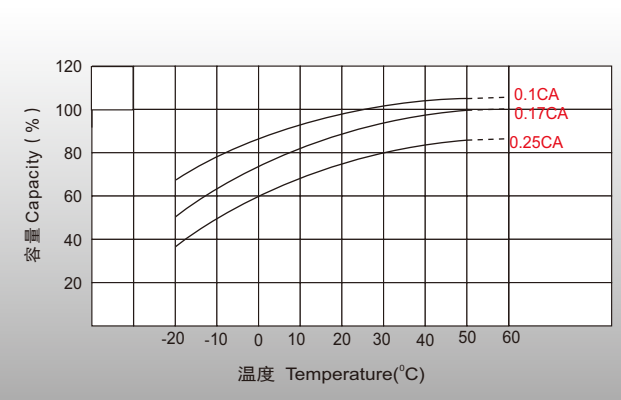
## 放电特性曲线 Discharge Characteristics



## 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

