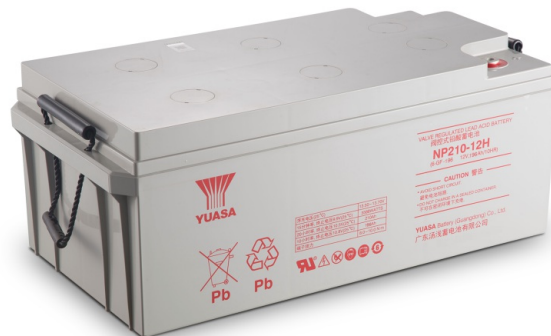
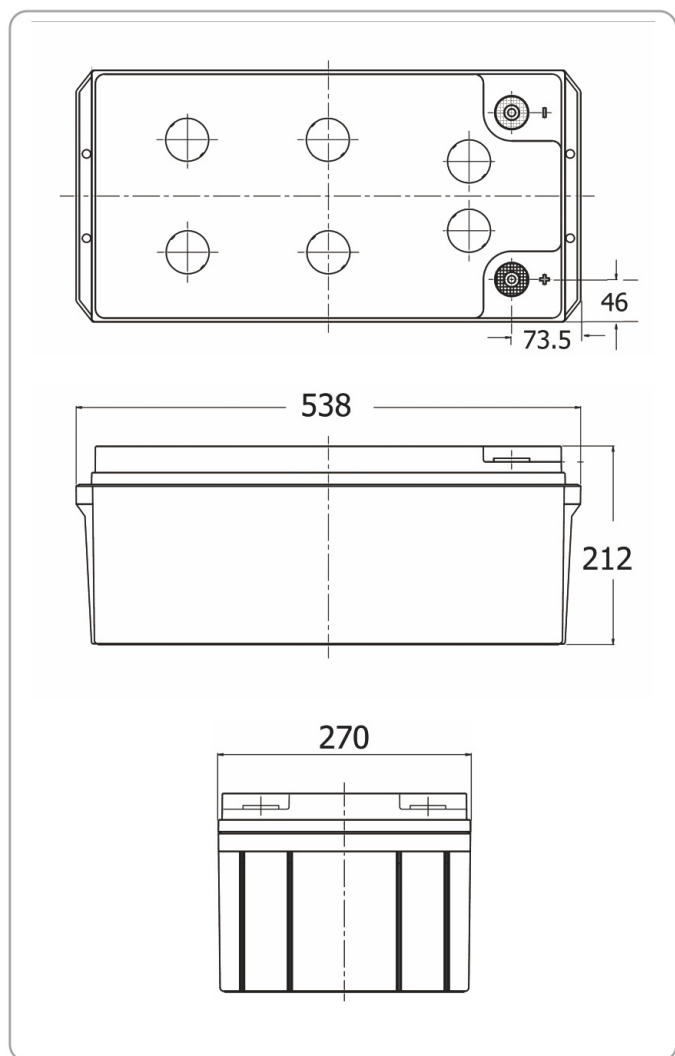


## 产品特点 Product Features

- 电池内部无游离酸，气体复合效率高，使用安全性高。
- 特殊板栅合金，合适的电解液比重，充分保证寿命。
- 极板采用双面涂膏技术，确保电池性能一致优越。
- 特别设计的高功率型电池（适合IDC机房等大电流放电场合）。
- 前置端子设计（方便安装、维护，节约安装空间）。
- No free acid inside battery, high efficient gas recombination, high operation safety.
- Special alloy of grid, adequate specific gravity of electrolyte secures the battery life.
- Two-sided plating technology, more advantage battery function.
- Special designed high power battery (applicable for high discharge current sites such as IDC room).
- Front top terminal (easy to install, maintain and save space).



## 外形尺寸 Dimension (mm)

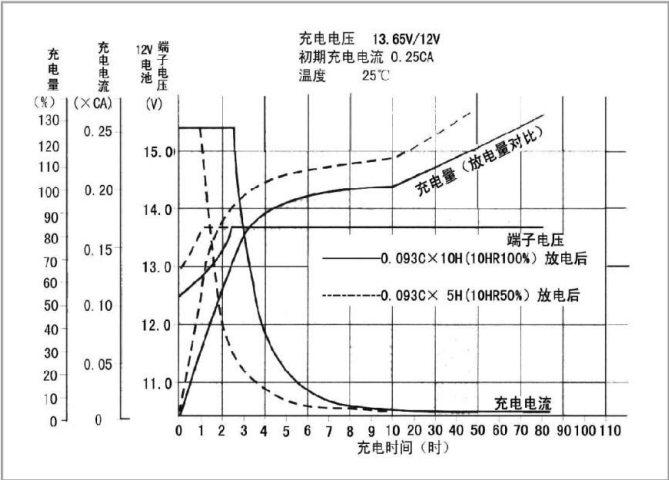


## 电池特征 Battery Characteristics

|                                                                                                                      |              |                          |
|----------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|
| 标称电压 (V) Nominal Voltage                                                                                             |              | 12                       |
| 容量 Capacity (25°C)                                                                                                   | 20小时率        | 210Ah                    |
|                                                                                                                      | 10小时率        | 196Ah                    |
|                                                                                                                      | 5小时率         | 167Ah                    |
|                                                                                                                      | 1小时率         | 108Ah                    |
| 近似外形尺寸 Approd.Dimension                                                                                              | 长 L (mm)     | 538                      |
|                                                                                                                      | 宽 W (mm)     | 270                      |
|                                                                                                                      | 高 H (mm)     | 212                      |
|                                                                                                                      | 总高 OH (mm)   | 212                      |
| 不同环境温度下的放置期限 Storage period at various temperature                                                                   | 25°C以下       | 6个月                      |
|                                                                                                                      | 30°C以下       | 4个月                      |
|                                                                                                                      | 35°C以下       | 3个月                      |
|                                                                                                                      | 40°C以下       | 2个月                      |
| 运行温度 Operating Temp Range                                                                                            | 放电 Discharge | -15°C ~ 50°C             |
|                                                                                                                      | ※充电 Charge   | -15°C ~ 45°C             |
|                                                                                                                      | 存储 Storage   | -15°C ~ 50°C             |
| 推荐温度 Nominal OperatingTemp Range                                                                                     |              | 25°C                     |
| ※当温度偏离25°C时,要用温度补偿后的电压充电<br>If the temperature variesy from 25°C, Charge with voltage after temperature compensation |              |                          |
| 重量 Weight                                                                                                            |              | 约61.0kg                  |
| 端子 Terminal                                                                                                          |              | 铜芯(M8)                   |
| 池壳材料 Container material                                                                                              |              | ABS<br>阻燃等级:UL 94-HB/V-0 |
| 内阻 (完全充电) IR, fully charged (25°C)                                                                                   |              | 约 2.5 mΩ                 |
| 浮充使用期充电方法 Charging method for floating use (25°C)                                                                    |              | 定电压13.65V<br>限流19.6~49A  |
| 设计浮充寿命 Designed floating life                                                                                        |              | 6年(25°C)                 |

电池限流恒压充电特性

Charge Characteristics Constant Voltage with Current Limit



放电电流和终止电压的关系

Relationship of Discharge Current to Final Discharge Voltage

| 放电电流<br>Discharge current | 放电允许最低终止电压<br>Lowest Discharge Final Voltage Allowed |
|---------------------------|------------------------------------------------------|
| 0.2CA未滿                   | 1.75V/单格                                             |
| 0.2CA以上 0.5CA未滿           | 1.70V/单格                                             |
| 0.5CA以上 1.0CA未滿           | 1.55V/单格                                             |
| 1.0CA以上                   | 1.30V/单格                                             |

定功率放电表 Constant Wattage Discharge Characteristics (25℃ 瓦特/单格watts/Cell)

| 终止电压  | 5 min | 10 min | 15 min | 20 min | 25 min | 30 min | 40 min | 45 min | 1h    | 1.5h  | 2h    | 3h    | 4h   | 5h   | 8h   | 10h  |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|------|------|------|
| 1.65V | 930   | 717    | 597    | 478    | 399    | 371    | 292    | 252    | 237.1 | 166.3 | 137.2 | 103.6 | 76.9 | 61.8 | 41.9 | 36.8 |
| 1.67V | 912   | 700    | 579    | 473    | 399    | 366    | 291    | 251    | 236.4 | 165.5 | 136.6 | 102.8 | 76.1 | 61.4 | 41.8 | 36.8 |
| 1.70V | 885   | 689    | 565    | 453    | 397    | 365    | 288    | 250    | 235.5 | 163.9 | 136.4 | 102.6 | 75.3 | 60.9 | 41.5 | 36.7 |
| 1.75V | 807   | 646    | 540    | 447    | 385    | 360    | 284    | 244    | 230.4 | 161.4 | 131.3 | 101.1 | 74.8 | 60.5 | 41   | 35.9 |
| 1.80V | 716   | 597    | 494    | 410    | 364    | 329    | 269    | 236    | 222.9 | 157.3 | 126.1 | 94.4  | 73.8 | 59.9 | 40.4 | 34.3 |

充电注意 Charging Recommendations

当温度偏离25℃时，请按每变化1℃，浮充使用按-3mV/单格进行修正，均充按-4mV/单格进行修正。  
If the operating temperature varies significantly from the center value (25℃), temperature compensation for the charging voltage is recommended. The recommendation is -3mV/℃/cell for float use, and -4mV/℃/cell for cyclic use.



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认证标识 Approval indication



ISO 9001  
Quality Management Systems  
CERTIFIED



ISO 14001  
Environmental Management  
CERTIFIED



ISO 45001  
Occupational Health And Safety Management  
CERTIFIED



FM 45770 EMS 99952 OHS 750241