

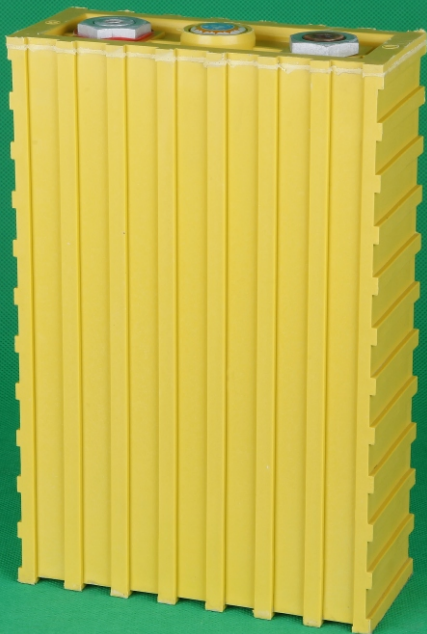


## Winston Battery

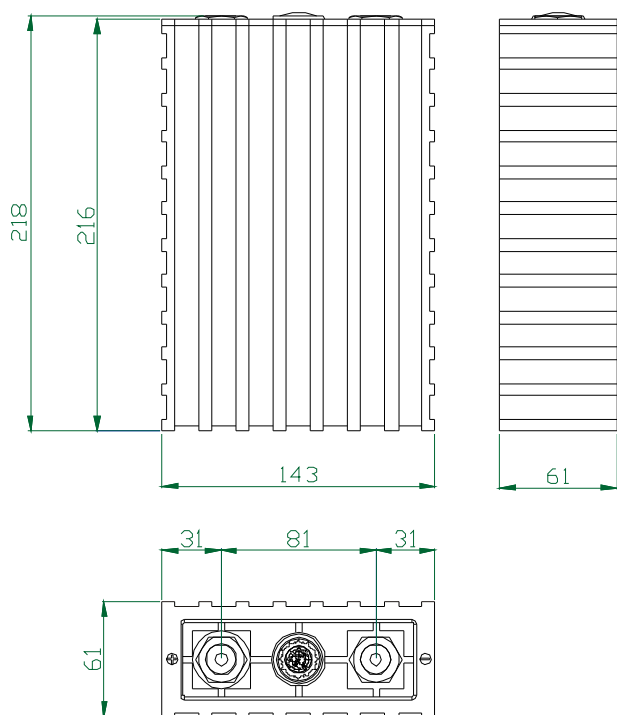
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## 溫斯頓牌稀土鋰鈮動力電池性能說明 SPECIFICATION FOR WINSTON RARE EARTH LITHIUM YTTRIUM POWER BATTERY

### 單體電池尺寸 DIMENSIONS



型号(MODEL): WB-LYP90AHA



### 技術參數 SPECIFICATIONS

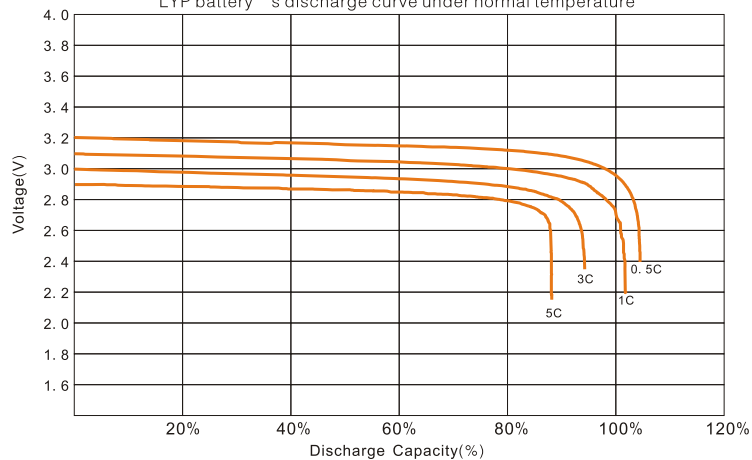
| 型號(MODEL)                                       | WB-LYP90AHA                    |                                               |
|-------------------------------------------------|--------------------------------|-----------------------------------------------|
| 標稱容量<br>Nominal Capacity                        | 60AH                           |                                               |
| 規格<br>SPEC                                      | 長 L                            | 143mm                                         |
|                                                 | 寬 W                            | 61mm                                          |
|                                                 | 高 H                            | 218mm                                         |
| 工作電壓<br>Operation Voltage                       | 充電<br>Charge                   | 4.0(V)                                        |
|                                                 | 放電<br>Discharge                | 2.8(V)                                        |
| 內阻<br>Internal resistance                       | $\leq 0.5(\text{m}\Omega)$     |                                               |
| 最大放電電流<br>Max Discharge Current                 | 恒電流<br>Constant Current        | $\leq 3\text{CA}$                             |
|                                                 | 脈衝試<br>Impulse Current         | $\leq 10\text{CA}$                            |
| 最大充電電流<br>Max Charge Current                    | 180A(3CA)                      |                                               |
| 標準充電電流<br>Standard Charge/<br>Discharge Current | 30A(0.5CA)                     |                                               |
| 循環壽命<br>Cycle Life                              | (80%DOD)                       | $\geq 5000\text{Times}$                       |
|                                                 | (70%DOD)                       | $\geq 7000\text{Times}$                       |
| 殼體耐溫性<br>Temperature Durability<br>Of Case      | $\leq 200^{\circ}\text{C}$     |                                               |
| 適應環境<br>Operating<br>Temperature                | 充電<br>Charge                   | $-45^{\circ}\text{C} \sim 85^{\circ}\text{C}$ |
|                                                 | 放電<br>Discharge                |                                               |
|                                                 | 存儲濕度<br>Storage Humidity       | $\leq 75\%\text{RH}$                          |
| 自放電率(月)<br>Self-discharge Rate                  | $\leq 3\%$ (月/Monthly)         |                                               |
| 單體電池重量<br>Weight                                | $3.0\text{kg} \pm 100\text{g}$ |                                               |

# WB-LYP90AHA型電池的充放電特性

## WB-LYP90AHA CHARGE & DISCHARGE CHART

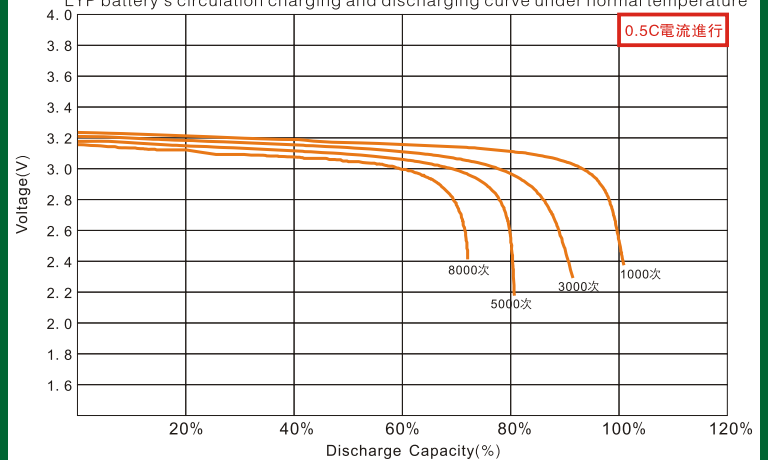
常溫下LYP類電池的放電特性曲線

LYP battery's discharge curve under normal temperature



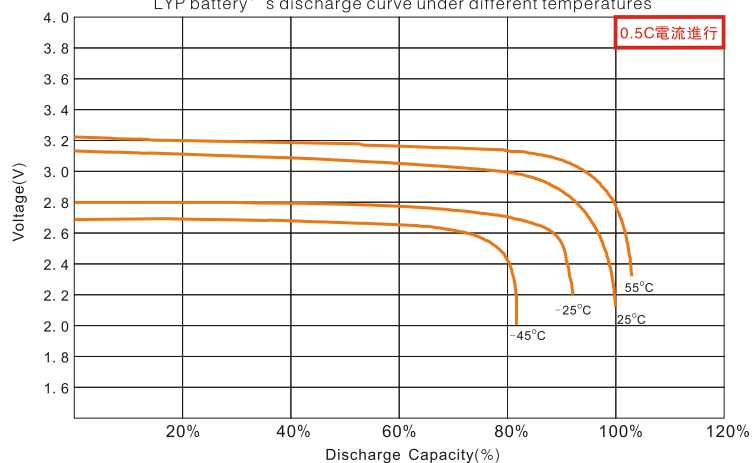
常溫下LYP類電池的循環充放電特性曲線

LYP battery's circulation charging and discharging curve under normal temperature



不同環境溫度下LYP類電池的放電特性曲線

LYP battery's discharge curve under different temperatures



在常溫境溫下LYP類電池的存儲特性曲線

LYP battery's storage characteristic curve in normal temperature

