

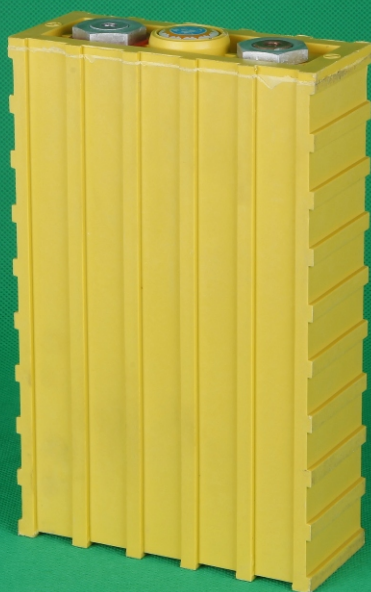


# Winston Battery

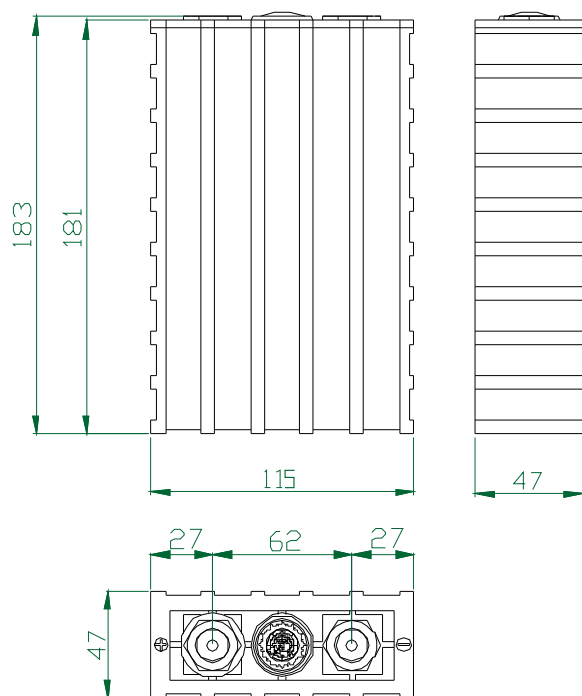
Address: Winston Industrial Park, Third Industrial Zone, Lisonglang Village,  
Gongming Town, Shenzhen, Guangdong P.R.C  
Tel: +86-755-8602 6789 Fax: +86-755-8602 6678  
Http: //www.winston-battery.com E-mail: winston@winston-battery.com

## 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-LYP40AHA



### 技術參數 SPECIFICATIONS

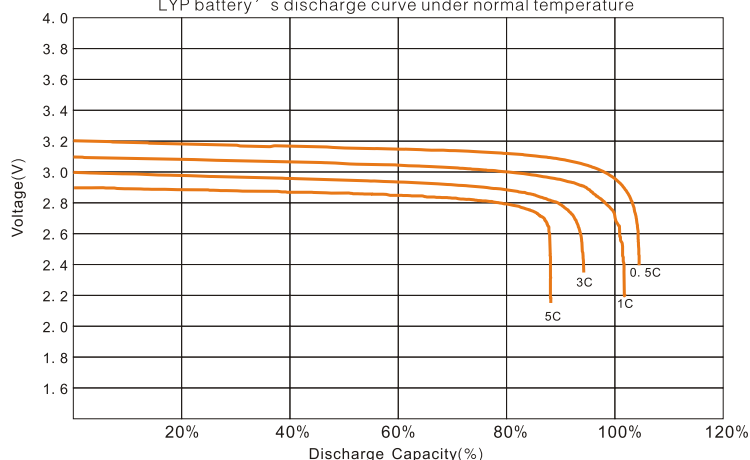
型號(MODEL)	WB-LYP40AHA	
標稱容量 Nominal Capacity	40AH	
規格 SPEC	長 L	115mm
	寬 W	47mm
	高 H	183mm
工作電壓 Operation Voltage	充電 Charge	4.0(V)
	放電 Discharge	2.8(V)
內阻 Internal resistance	$\leq 0.7(m\Omega)$	
最大放電電流 Max Discharge Current	恒電流 Constant Current	$\leq 3CA$
	脈衝試 Impulse Current	$\leq 10CA$
最大充電電流 Max Charge Current	120A(3CA)	
標準充放電電流 Standard Charge/ Discharge Current	20A(0.5CA)	
循環壽命 Cycle Life	(80%DOD)	$\geq 5000\text{Times}$
	(70%DOD)	$\geq 7000\text{Times}$
殼體耐溫性 Temperature Durability Of Case	$\leq 200^{\circ}\text{C}$	
適應環境 Operation Temperature	充電 Charge	$-45^{\circ}\text{C} \sim 85^{\circ}\text{C}$
	放電 Discharge	
	存儲濕度 Storage Humidity	$\leq 75\%\text{RH}$
自放電率(月) Self-discharge Rate	$\leq 3\%$ (月/Monthly)	
單體電池重量 Weight	$1.6\text{kg} \pm 50\text{g}$	

# WB-LYP40AHA型電池的充放電特性

## WB-LYP40AHA CHARGE & DISCHARGE CHART

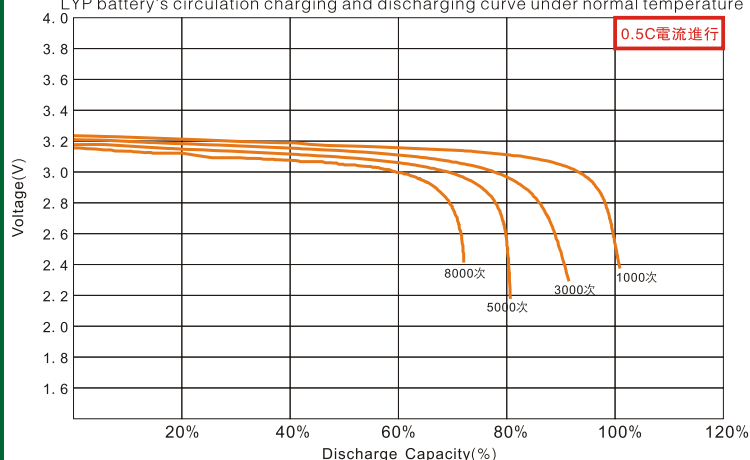
常溫下LYP類電池的放電特性曲線

LYP battery's discharge curve under normal temperature



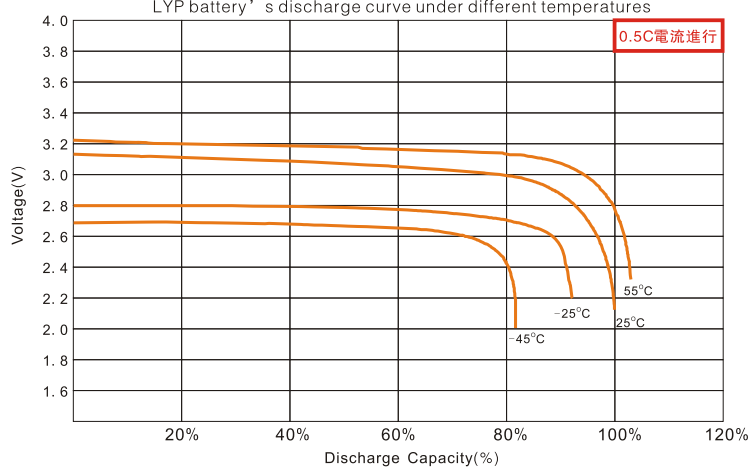
常溫下LYP類電池的循環充放電特性曲線

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



在常溫環境下LYP類電池的存儲特性曲線

LYP battery's storage characteristic curve in normal temperature

