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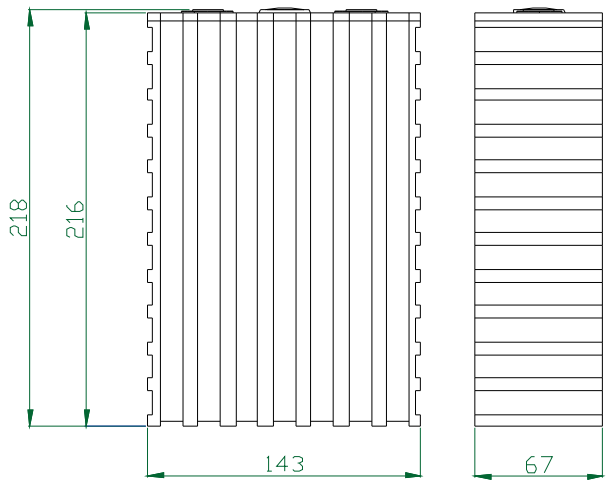
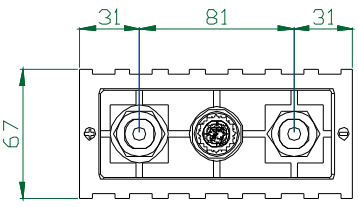
雷天温斯顿储能类“水性锂钇动力电池”性能说明

THUNDER SKY WINSTON ENERGY STORAGE TYPE“WATER-BASED LITHIUM YTTRIUM POWER BATTERY” PERFORMANCE SPECIFICATION

单体电池尺寸 DIMENSIONS

型号（MODEL）:TSWB-LYP100AHA(A)





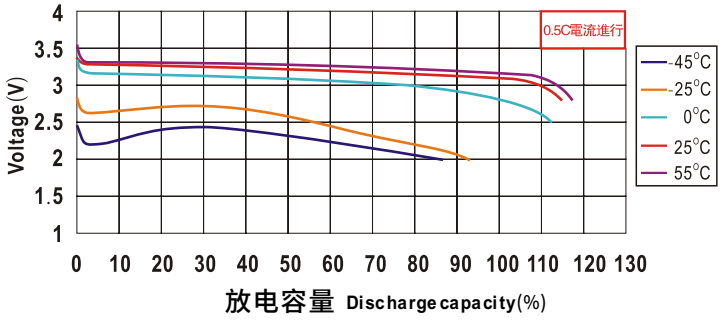
技术参数 SPECIFICATIONS

型号（MODEL）	TSWB-LYP100AHA(A)	
标称容量 Nominal Capacity	100AH	
规格 SPEC	长 L	143mm
	宽 W	67mm
	高 H	218mm
工作电压 Operation Voltage	充电 Charge	4.0(V)
	放电 Discharge	2.8(V)
内阻 Lnternal resistance	≤0.45(mΩ)	
最大放电电流 Max Discharge Current	恒电流 Constan t Current	≤3CA
	脉冲试 Lmpulse Current	≤10CA
标准充放电电流 StandardCharge/ DischargeCurrent	50A(0.5CA)	
循环寿命	(80%DOD)	≥5000Times
	(70%DOD)	≥7000Times
壳体耐温性 Temperature Durability Of Case	≤200℃	
适应环境 Operationg Temperature	充电 Charge	-45℃~85℃
	放电 Discharge	
	存储湿度 Storage Humidity	≤75%RH
自放电率（月） Self-discharge Rate	≤1%（月/Monthly）	
单体电池重量 Weight	3.1kg±100g	

TSWB-LYP100AHA(A)型电池的充放电特性
TSWB-LYP100AHA(A) CHARGE&DISCHARGE CHART

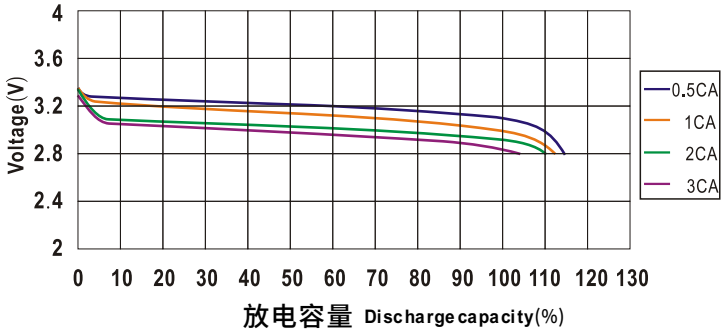
不同环境温度下LYP类电池的放电特性曲线

Dischar ge charact eri stic curve of LYP type battary under different ambient temperat ure



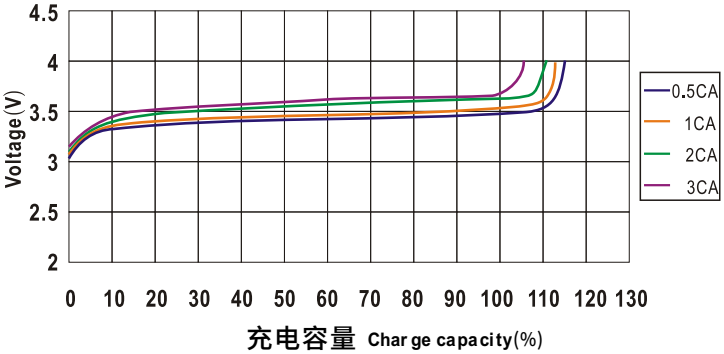
常温下LYP类电池的放电特性曲线

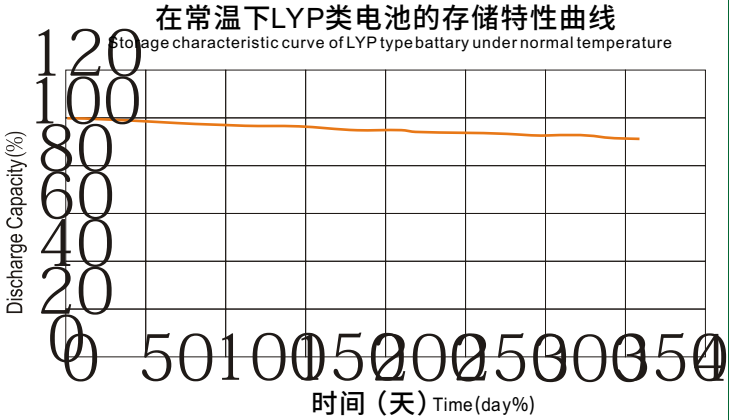
Discharge charact eri stic curv e of LYP type batt ary under norm al temperat ure



常温下LYP类电池的充电特性曲线

Charge charact eri stic curv e of LYP type batt ary under norm al temper ture



在常温下LYP类电池的存储特性曲线

Storage characteristic curve of LYP type battary under normal temperature