Thunder Sky Winston

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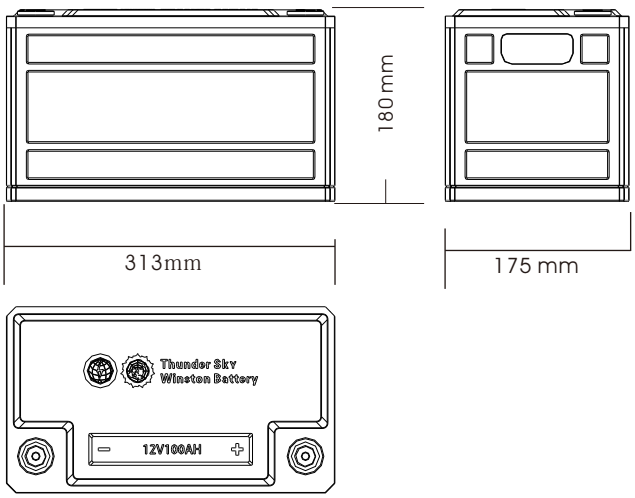
# 雷天温斯顿水性锂动力电池性能说明

THUNDER SKY WINSTON WATER-BASED LITHIUM POWER BATTERY PERFORMANCE SPECIFICATION

## 单体电池尺寸 DIMENSIONS

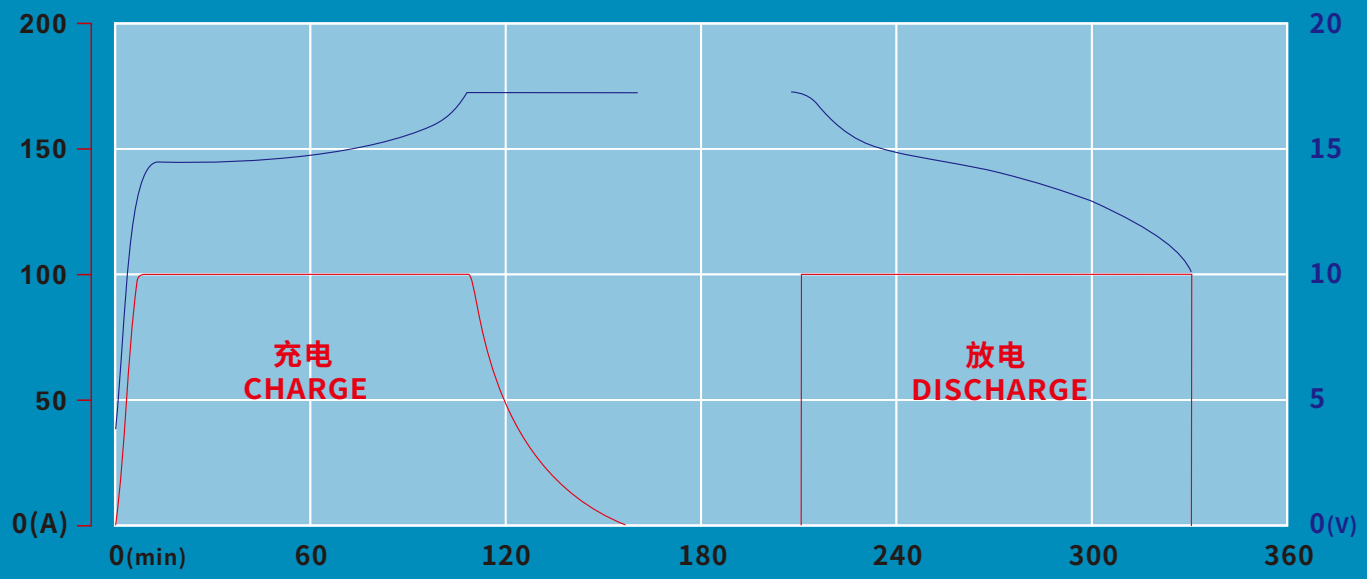
型号(MODEL):TSWB-LP12V100AH



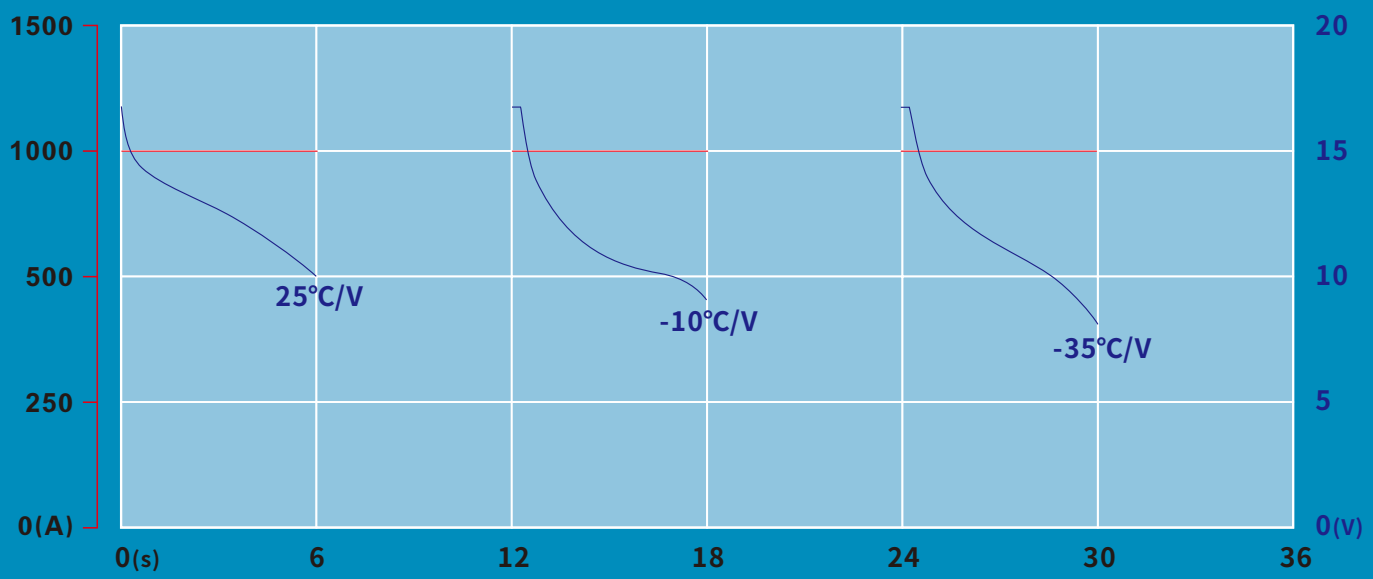

## 技术参数 SPECIFICATIONS

| 型号（MODEL） | TSWB-LP12V100AH | |
|---|---|---|
| 标称容量 Nominal Capacity | 100AH | |
| 规格 Specification | 长 L | 313mm |
| | 宽 W | 157mm |
| | 高 H | 198mm |
| 工作电压 Operation Voltage | 充电 Charge | 14.5(V) |
| | 放电 Discharge | 11(V) |
| 内阻 Internal resistance | ≤3(mΩ) | |
| 最大放电电流 Max Discharge Current | 恒电流 Constant Current | ≤1CA |
| | 脉冲试 Impulse Current | ≤10CA |
| 标准充放电电流 StandardCharge/ DischargeCurrent | 50A(0.5CA) | |
| 使用寿命 Cycle Life | 5–10年/Years | |
| 壳体耐温性 Temperature Durability Of Case | ≤200℃ | |
| 适应环境 Operating 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 | 15kg±500g | |

# TSWB-LP12V100AH型电池的充放电特性
## TSWB-LP12V100AH CHARGE&DISCHARGE CHART




▲ TSWB-LP12V100AH在25℃环境下100A充放电特性
TSWB-LP12V100AH CHARGE AND DISCHARGE BY 100A AT TEMPERATURE OF 25℃




▲ TSWB-LP12V100AH在不同温度环境下的脉冲放电特性
TSWB-LP12V100AH IMPULSE DISCHARGE AT DIFFERENT TEMPERATURE