深圳市耐科森电源科技有限公司
Shenzhen Naccon Power Technology Co., Ltd.

承认书

SPECIFICATION FOR APPROVAL

MODEL

型 号: LR6 金标

Total Page

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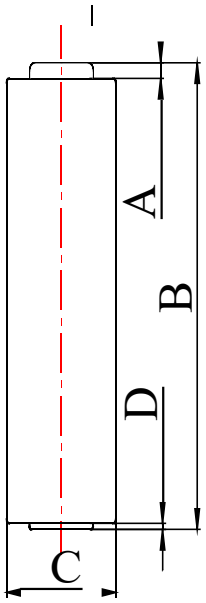
Customer

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产 品 规 格 书 TECHNICAL SPECIFICATION

1.简介/About



型 号 Model# ： LR6 /AA

尺寸 Dimensions(GB):

A:1.5-1.7mm	C:13.7-14.5mm
B:49.5-50.5mm	D:0.5-0.8mm

化学结构 Chemical System: Zn/KOH—H_2O/MnO_2

标称电压 Nominal voltage: 1.5V

平均重量 Average weight: 22.5~24.0g

商 标：仿金属铝膜 Jacket: Foil Label

参考标准 Reference document:

IEC 60086-1 :2021 --- Primary Batteries - Part 1: General

IEC 60086-2 :2021--- Primary Batteries - Part 2: Physical and electrical specification

GB/T 8897.2-2021

重金属含量 Heavy Metal Contents:

Hg	Cd	Pb
<1 ppm	<10 ppm	<10 ppm

2.额定值/Rating

额定电压/Nominal Voltage		1.5V
使用温度范围 Temperature Range for operation	标准温度 Standard Temperature	20℃±2℃
	专用温度 Special Temperature	30℃±2℃
	高温 High temperature	45℃±2℃
相对湿度范围 Humidity Range for Storage	标准相对湿度 Standard Humidity	35%~75%
	专用相对湿度 Special Humidity	35%~65%
尺寸 Dimension	直径/Diameter	LR6:13.7~14.5mm
	高度/Height	LR6:49.5~50.5 mm
近似重量/Approx weight		LR6:22.5~24.0g

3. 电性能/Electrical Characteristic

(条件:负载电阻 3.9Ω,精度±0.5%, 测量时间:0.3S,测量温度: 20℃±2℃。收货后 30 天内测试)
（condition: on-load resistance 3.9Ω,precision±0.5%,time:0.3S, temperature: 20℃±2℃。
Testing should be done within 30days upon the receipt of goods. ）

	空载电压 /Off-load Voltage(V)	负载电压 /On-load Voltage(V)	瞬间电流 /Instance current(A)
新电/fresh Battery	≥1.6	≥1.540	≥10.0
室温存储 12 个月/stored for 12 months under Room Temp	≥1.580	≥1.480	≥8

4. 放电性能/ Discharge Characteristic

(条件:测量温度: 20℃±2℃。收货后 30 天内测试。)
(condition: temperature: 20℃±2℃. Testing should be done within 30days upon the receipt of goods)

	放电条件/Discharge condition			最少平均放电时间/Minimum average Discharge time	
(IEC 60086-2:2007,MOD) 参考标准 /reference standard	放电负载/ on-load resistance	每天放电时间 /Discharge time per day	终止电压 /end Voltage(V)	新电池/fresh Battery	室温存储 12 个月 /stored for 12 months under Room Temp
	3.9Ω	1h/d	0.8V	≥8.0h	≥7.5h
	1000mA	10s/min,1h/d	0.9V	≥360 次 cycles	≥300 次 cycles
	3.9Ω	24h/d	0.9V	≥390 min	≥370min
	10Ω	24h/d	0.9V	≥19h	≥18h
	43Ω	4h/d	0.9V	≥90h	≥85h

容量: 2500mAh（条件: 100mA负载, 每天放电1小时，终止电压0.9V ，放电环境：20+/-2°C）
Capacitance: 2500mAh (Conditions: 100mA load, discharge for 1 hour every day, end voltage 0.9V, discharge environment: 20+/-2°C)
(验收标准：每一种放电条件取 9 只电池进行放电。平均放电时间等于或大于规定值，而且放电时间少于规定值的 80%的电池数不大于 1，则认为电池的放电时间符合要求。)
（Inspect standard: discharge 9 sample-batteries for each condition. It passes when average discharge time is no less than Rated Time and the quantity of the batteries which the value is under 80% of Rated Value is no more than one）

5. 耐漏液性能/Anti-leakage characteristic

项目/Item	条件/Condition	期限/Period	特性/Characteristic	验收标准/Inspect standard
过放电耐漏性能 Anti-leakage Feature ofover-discharge	连续放电，温度：20℃±2℃相对 55±20RH on-load:10Ω temp: 20℃±2℃。 Huml: 55±20RH	连续放电 0.6V Uninterrupted discharge for 0.6V	电池变形不超出电池尺寸的上限或没有可见漏液情况。 Deformation is less than 0.2mm and no visual leakage	N=30,AC=0, Re=1
储存期耐漏性能 feature of storage	温度: 60℃±2℃相对湿度:低于 90%RH tenp60℃±2℃ Hunl:≤90%RH	≥30 天/≥30 days		N=30,AC=0, Re=1

6.安全性能/Safety

项目/Item	条件/Condition	期限/Period	特性/Characteristic	验收标准/Inspect standard
短路性能/anti-short-circuit	温度/Temp: 20℃±2℃	24 小时/24hours	电池没有爆炸/no explosion	N=9,Ac=0,Re=1

7.标记/Marks:

在电池外标明以下内容:/ The following marks will be printed or stamped on the batteries's body::

(1) 型号:/Model
(2) 商标：NACCON
(3) 标称电压/Nominal Voltage
(4) 极性/pole
(5) 警告/Warning
(6) 生产日期/到有效期日期（附电池标版）Manufactured Date /Exp date

8.电池存放期/ Storage life

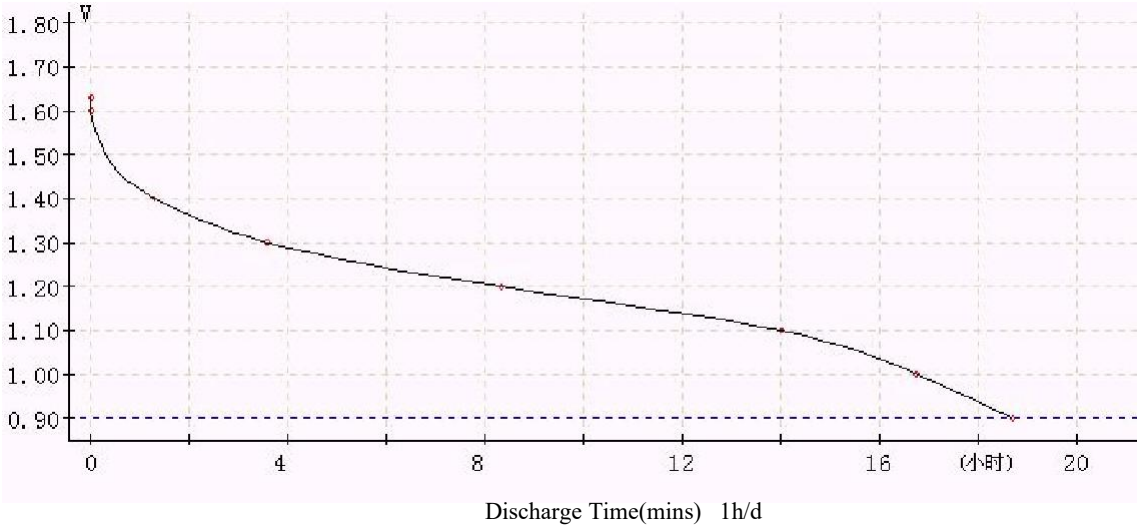
于常温及合适环境可储存 5 年/Under room temp & suitable environment, its shelf time is 5 years.

9.放电曲线/Discharge diagram

LR6

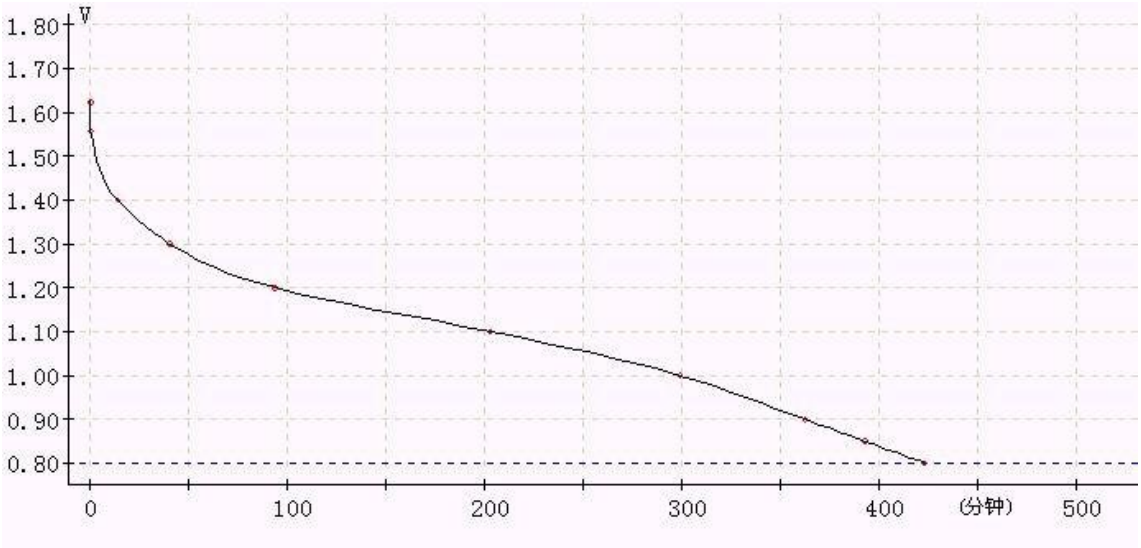
终止电压 End Voltage：0.90V
放电方式 Discharge Methods：1h/d continuous
室 温 Temperature：20℃±2℃

a) 负载电阻 Load Resistance 10Ω 24h/d continuous

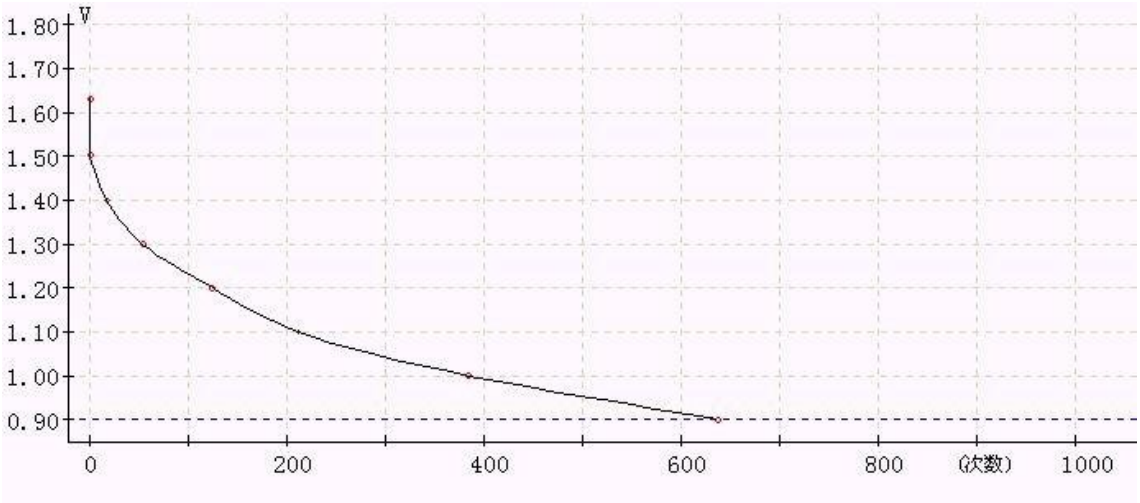


Discharge Time(mins) 1h/d

b) 负载电阻 Load Resistance 3.9Ω 24h/d continuous



c) 负载电阻 Load Resistance: 1.8Ω 15s/min 24h/d



Times