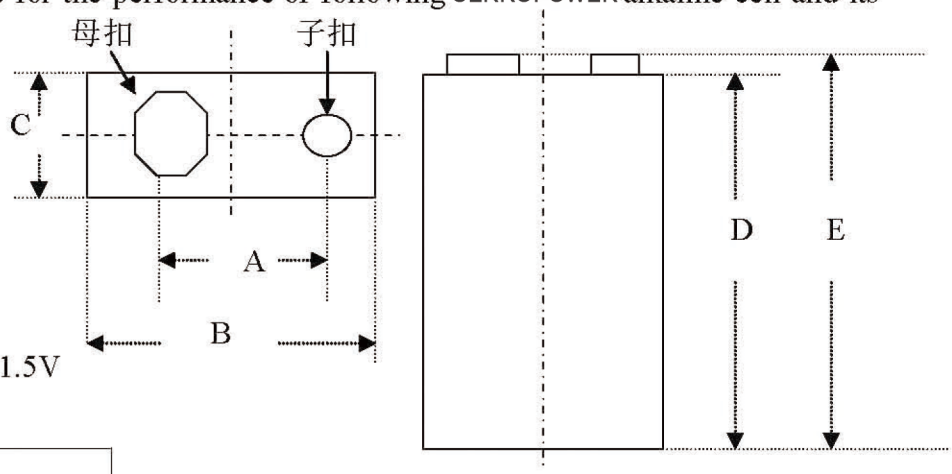
1.范围/Scope

This specification is suitable for the performance of following CERROPOWER alkaline cell and its stack-up battery packs:

型 号：6LR61 9V



Chemical System:
Zn/KOH--H_2O/MnO_2
Nominal voltage 标称电压: 1.5V
Heavy Metal Contents:

Hg	Cd	Pb
<1 ppm	<2 ppm	<120 ppm

A:12.7±0.25	C:15.5-17.5
B:24.5-26. 5	D:46.4max
E:46.5-48.5	单位:mm

2.额定值/Ratings

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	45%~75%
	专用相对湿度 Special Humidity	35%~65%
容量/Capacity		550mAh
近似重量/Approx weight		6LR61:43.0~45.0g

3.电性能/Electrical Characteristic

(条件:负载电阻 270Ω,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 270Ω,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	9.60	9.40	5.0
室温存储 12 个月/stored for 12 months under Room Temp	9.40	9.20	3.0

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	
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
	180Ω	1h/d	4.8V	≥980min	≥880min
	180Ω	24h/d	4.8V	≥900min	≥850min
	270Ω	1h/d	5.4V	≥23h	≥21h
	270Ω	24h/d	5.4V	≥22h	≥20h

(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最少平均放电时间的规定值，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 nos sample for each condition. It pass if average discharge time is equal to or more than minimum average value specified and the nos with discharge time less than 80% speclfied value is less 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 Feature of over-discharge	连续放电，温度：20℃±2℃相对 65±20RH on-load:10Ω temp: 20℃±2℃。 Huml: 65±20RH	连续放电 3.6V Uninterrupted discharge for 3.6V	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	20 天/20 days		N=30,AC=1, Re=2

6.标记/Marks:

在电池外标明以下内容:/the following message will be printed or stamped on the body of the battery:

(1) 型号:/Model

(2) 标称电压/Nominal Voltage

(3) 极性/pole

(4) 警告/Warning

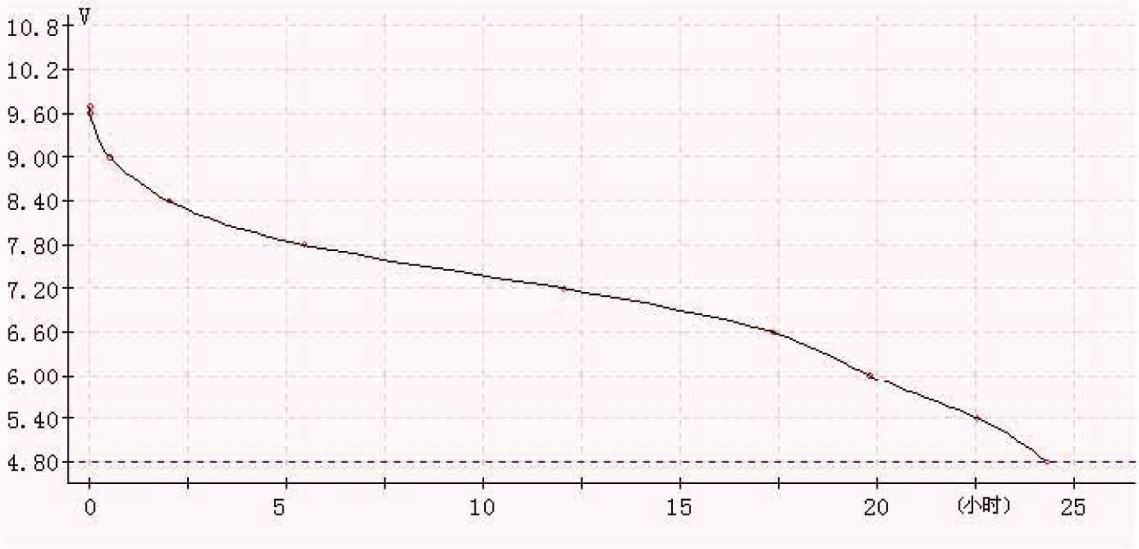
(5) 生产日期/到有效期日期（附电池标版）

7.电池存放期/Store period of battery

于常温及合适环境可储存 3 年/the battery is ok within 3 years under room temp and suit environment.

8.放电曲线/Discharge diagram 测试温度/test temp: 20℃±2℃

(1) 放电方法: 1h/d (图表)

6LR61 电池放电曲线

a) Discharge Method : 270Ω 1h/d continuous (Fig. 1)