

ELECTRO DH s.a.

COMPONENTES PARA ELECTRONICA, TELEFONÍA E ILUMINACIÓN



DATOS TÉCNICOS

MARCA: DH

CÓDIGO: 52.210

DESCRIPCIÓN: Pila alcalina LR-6/AA

ESPECIFICACIONES TÉCNICAS:

Adjuntamos dos hojas.

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1. Scope

This specification defines the technical requirements for LR6 Alkaline Battery.

Cross References: ATC IEC JIS GB(CHINA)
 LR6 LR6 AM-3 LR6

2. Purpose

To assure that any LR6 battery manufactured or procured by ATC will meet or exceed our customer's expectations.

3. Reference Document

IEC 60086-2:2000
 IEC 60086-1:2000
 GB/T 7112-1998

4. Chemical System

Alkaline Zinc-Manganese Dioxide (KOH Electrolyte), Mercury: Less than 250 ppm.

5. Nominal Voltage : 1.5volt

6. Average Weight : 22.5g

7. Jacket: Foil Label

8. Nominal Capacity

1900mah (Conditions: 10Ω discharge 1hours per day at 20±2°C, end point voltage 0.9v)

9. Electrical Characteristics

	Off-load Voltage(v)	On-load Voltage(v)	Short circuit current	Acceptance Standard
Initial within 30 day	1.58	1.50	8.0	GB2828 commonly sampling AQL=0.4
After 12months	1.55	1.45	7.0	

(conditions: 3.9Ω±0.5% load resistance, measuring time 0.3 seconds, temperature at 20±2°C, the hair spring type ampere meter with ±0.5% accuracy (0.5level) shall be used.

10. Service Time

Discharge Load	Discharge Condition		IEC Standard	Average Minimum Discharge Time	
	Daily Discharge time	End Point Voltege(v)		Initial within 30day	After 12mth at 20±2°C
43Ω	4h	0.9	60h	80h	72h
3.9Ω	1h	0.8	4.0h	5.5h	5.0h
10Ω	1h	0.9	11.0h	16.0h	14.5h
1.8Ω	15sec/min	0.9	320cycles	500cycles	450cycles
10Ω	24h	0.9		16.0h	14.5h

Satisfaction standard: 9 pieces of battery will be tested for each discharging.

The result of the average discharging time from each discharging standard shall be equal to or more than the average minimum time requirement.

11. Electrolyte Leakage Proof Characteristics

Item	Condition	Period	Characteristics	Acceptance Standard
Over-discharge characteristics	10Ω continuous discharge at temp. 20±2°C, Relative Humidity: 65±20%RH	48hours	There shall be no deformation exceeding the specified dimensions, nor leakage recognized by human eye	N=10 Ac=1 Re=2
Storage characteristics	At temp. 45±2°C, Relative Humidity: 70% RH	90days		N=40 Ac=1 Re=2
	At room temp.	12 months		

12. Safety Characteristics

Item	Condition	Period	Characteristics	Acceptance Standard
Short circuit characteristics	Temp.: 20±2°C	24h.	There shall be no explosion of battery	N=8 Ac=0 Re=1
Abusive characteristics	Short circuit 4 pieces of battery in series, one of the 4 battery has to be connected with its polarity reversed	24h.		

13. Caution for Use

- (1) Since the battery is not manufactured for recharging, there are risks of electrolyte leakage or causing damage to the device if the battery is charged.
- (2) The battery shall be installed with its "+" and "-" in correct position.
- (3) Short-circuiting, heating, disposing of into fire and disassembling the battery are prohibited.
- (4) Avoid using old and new batteries together.

14. Shelf Life

3 years after delivery under proper storage condition.

15. Discharge Curves : Page 3, Page 4,

16. Dimension : Page 5