

Product Specification

General

Batteries, in all their aspects, should be in accordance with IEC 60086-1 and IEC 60086-2

1. Model No. Alkaline LR6
2. Nominal voltage 1.5 V
3. Open circuit voltage 1.5 V (+0.15/-0)
4. Nominal capacity 2500mAh
(Test condition: 43Ω Load, continuous discharge, and end voltage 0.9V)
5. Average weight 24±1g
6. Shelf life 60Month
7. Performance

Battery service life should meet the values as stated in Table I

Discharge					
Test condition			Average duration¹⁾ at 20°C		
Load	Daily period	End voltage	Initial	After 12 months storage ²⁾	After 36 months storage ²⁾
43Ω	4 h/d	0.9V	80.0 h	73.6 h	68.0 h
10Ω	1 h/d	0.9V	18.0 h	16.6 h	15.3 h
10Ω	Continuous	0.9V	18.2h	16.7h	15.5 h
3.9Ω	1 h/d	0.9V	6.5 h	6.0 h	5.5 h
1.8Ω	15 sec/min	0.9V	550 pulses	506 pulses	468pulses

1) Average service life will be calculated without the highest and the lowest of 9 samples.

2) Storage conditions: temperature 20±2°C and the Relative Humidity shall be 65±20%.

8. Heavy metal content

Mercury (Hg) content should be less than 1PPM

Cadmium (Cd) content should be less than 5 PPM

Lead (Pb) content should be less than 15 PPM

9. Quality assurance

DESCRIPTION	AQL
Battery dimensions	0.65%
Appearance	1.00%
Off load voltage	0.65%
On load voltage	1.00%
Service Output	Note 1
Leakage 6.1	0.65% (Note 2)
6.2	Note 3
6.3	Note 4

