Product Specification

General

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

1. Model no.  PRO-ELEC Alkaline LR6

2. Nominal voltage  1.5Volt

3. Nominal capacity  2600mAh

Open circuit voltage  1.5Volt ±0.15/V

(Test condition: 43Ω Load, continuous discharge, and end voltage 0.9V)

4. Average weight  24±1g

5. Shelf life  60Month

6. Performance

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

Table I

<table>
<thead>
<tr>
<th>Test condition</th>
<th>Average duration at 20°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load</td>
<td>Daily period</td>
</tr>
<tr>
<td>43Ω</td>
<td>4 h/d</td>
</tr>
<tr>
<td>10Ω</td>
<td>1 h/d</td>
</tr>
<tr>
<td>10Ω</td>
<td>continuous</td>
</tr>
<tr>
<td>3.9Ω</td>
<td>1 h/d</td>
</tr>
<tr>
<td>1.8Ω</td>
<td>15 sec/min</td>
</tr>
</tbody>
</table>
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%

7. Heavy metal content:
   - Mercury (Hg) content should be less than 1 PPM
   - Cadmium (Cd) content should be less than 5 PPM
   - Lead (Pb) content should be less than 15 PPM

8. **QUALITY ASSURANCE**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>AQL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery dimensions</td>
<td>0.65%</td>
</tr>
<tr>
<td>Appearance</td>
<td>1.00%</td>
</tr>
<tr>
<td>Off load voltage</td>
<td>0.65%</td>
</tr>
<tr>
<td>On load voltage</td>
<td>1.00%</td>
</tr>
<tr>
<td>Service Output</td>
<td>Note 1</td>
</tr>
<tr>
<td>Leakage 6.1</td>
<td>0.65% (Note 2)</td>
</tr>
<tr>
<td>6.2</td>
<td>Note 3</td>
</tr>
<tr>
<td>6.3</td>
<td>Note 4</td>
</tr>
</tbody>
</table>

**Note 1:** Acceptance/rejection in accordance with IEC publication (1993) 86-1 Sub-clause 8.8.

**Note 2:** Leakage on arrival at warehouse is within two months after shipping.

**Note 3:** Sample size: n = 20
  - Judgement: Ac = 1, Re = 2

**Note 4:** Sample size: n = 20
  - Judgement: Ac = 0, Re = 2

9. **PACKAGING**

Packaging shall be a form agreed by both parties.

**PRECAUTION & HANDLING**
(1) Do not disassemble or short-circuit batteries.
(2) Do not recharge batteries.
(3) Do not dispose of batteries in fire.
(4) Do not allow metal objects to contact the battery terminals.
(5) Do not mix with used or other battery type (such as alkaline with carbon zinc).
(6) Do not solder the batteries directly. If soldering or welding connection to the battery is required, consult our engineer for proper methods.
(7) Do not over-discharge batteries. Force discharging batteries by external power source in a series may cause explosion.
(8) To install or remove batteries, follow the equipment manufacturer’s instructions.
(9) Keep battery away from small children. If swallowed, consult a physician at once.
(10) Remove batteries from device when it is not in use.

**STORAGE**

(1) Store in cool, dry place before use.
(2) Do not keep batteries at temperature of 45° or above．

(3) [Drawing 1: Dimensions of Battery (LR6/AA Size)]

[Image of battery dimensions]