

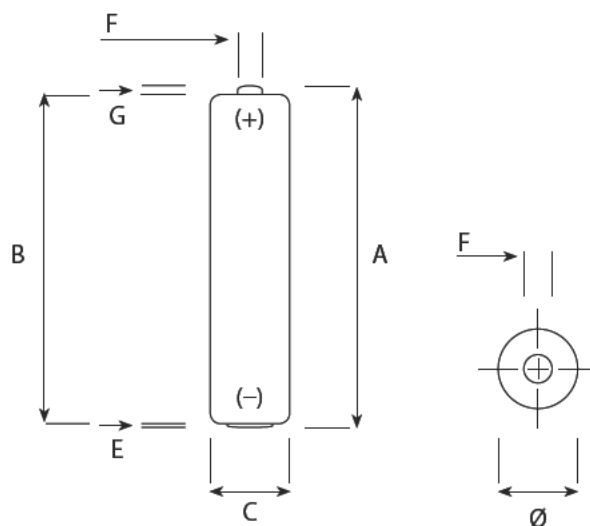
# Product Datasheet

## Alkaline

### Powerline



LR03AD



| IEC Dimensions (mm) |         |         |
|---------------------|---------|---------|
| Dimension           | Maximum | Minimum |
| A                   | 44,5    | —       |
| B                   | —       | 43,5    |
| C                   | —       | 4,3     |
| E                   | 0,5     | —       |
| F                   | 3,8     | —       |
| G                   | —       | 0,8     |
| Ø                   | 10,5    | 9,8     |

### Specifications

|                                    |   |
|------------------------------------|---|
| <b>Name</b>                        | LR03/S / AAA / AM4 / MICRO / MN2400 / 24A / 24AC  |
| <b>Made in</b>                     | Belgium   |
| <b>Type</b>                        | Alkaline Foil   |
| <b>Nominal Voltage</b>             | 1,5 Volt  |
| <b>Electrolyte</b>                 | Potassium Hydroxide   |
| <b>Average weight</b>              | 11 g  |
| <b>Storage temp. range</b>         | +10°C (50°F) ~ +25°C (77°F)   |
| <b>Operating temp. range</b>       | -20°C (-4°F) ~ +55°C (131°F)  |
| <b>Average Impedance</b>           | +/- 180 m-Ohm @ 1kHz fresh  |
| <b>Heavy metals</b>                | No added mercury (Hg), Cadmium (Cd) or Lead (Pb)  |
| <b>Compliant to</b>                | IEC 60086-1, IEC 60086-2, IEC 60086-5<br>non dangerous goods regulation<br>EU directive 2006/66/EC<br>Nordic Ecolabel |
| <b>Recommended cut off voltage</b> | 0,8V per cell (0,9V per cell for multi series usage)  |

For more information:

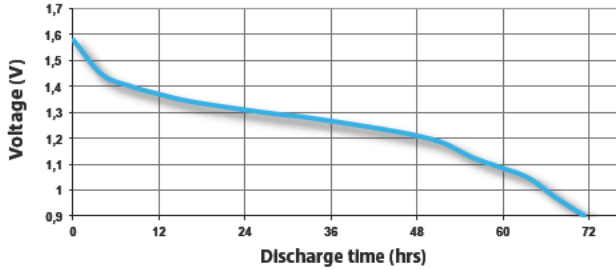
[www.panasonic-batteries.com](http://www.panasonic-batteries.com)

**Panasonic**

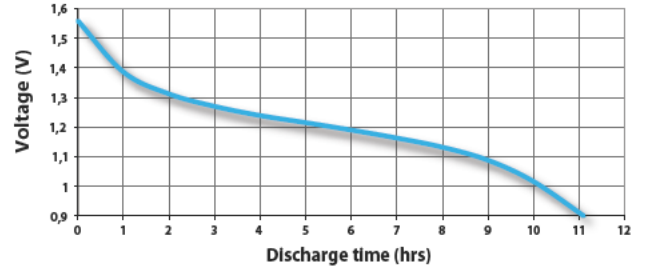
# Typical discharge values

LR03AD

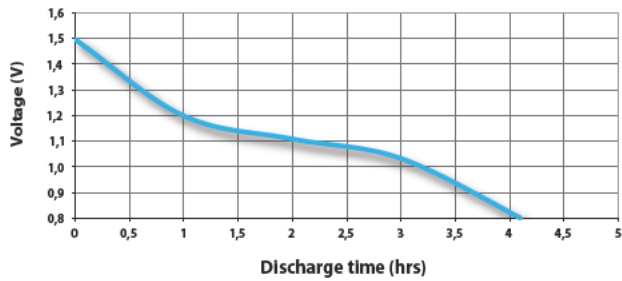
**Radio/Clock**  
4h/d 75 ohm end 0,9V



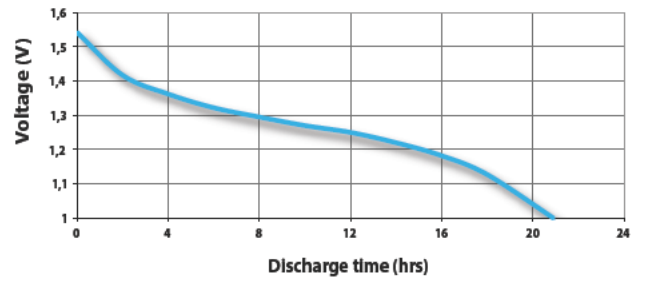
**Digital audio**  
1h/d 100 mA end 0,9V



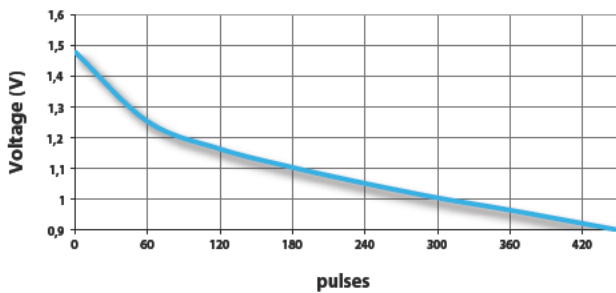
**Toy**  
1h/d 5,1 ohm end 0,8V



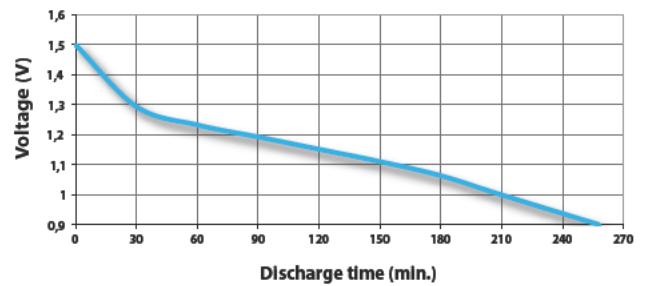
**Remote control**  
15s/m 8h/d 24 ohm end 1,0V



**Photo flash**  
10s/m 1h/d 600mA end 0,9V



**Portable lighting**  
4m/h 8h/d 5,1 ohm end 0,9V



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