



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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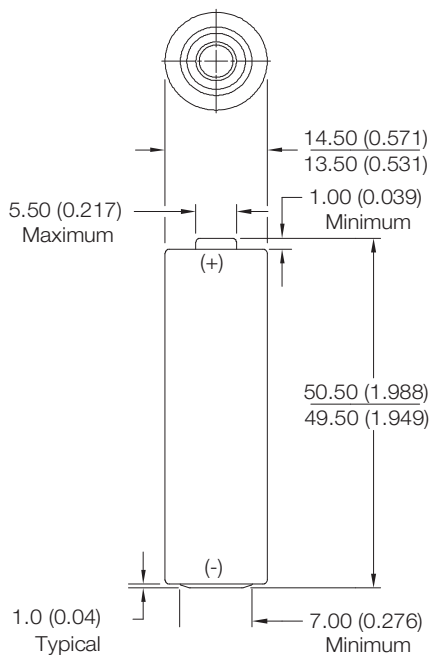


# Panasonic® EVOLTA

**AA**  
(LR6)

## Part Number: LR6EGA Alkaline Manganese Dioxide Battery

### Industry Standard Dimensions mm (inches)



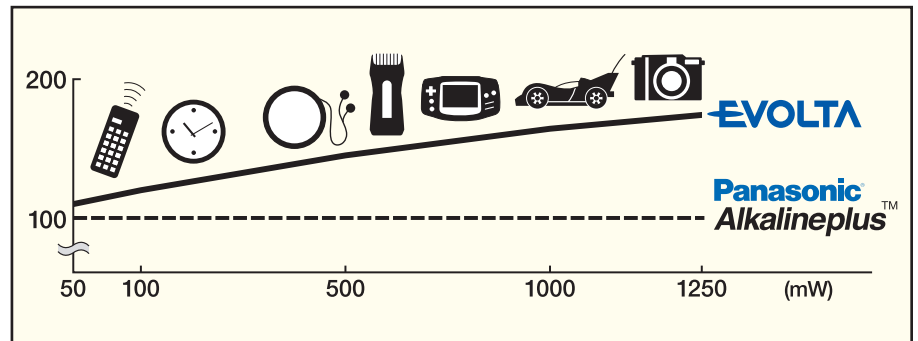
### Specifications

|                              |  |
|------------------------------|--|
| Chemical System:             | Alkaline-Zinc/Manganese Dioxide (Zn/MnO <sub>2</sub> ) |
| Designation:                 | ANSI-15A, IEC-LR6                                      |
| Nominal Voltage:             | 1.5V   |
| Operating Temperature Range: | -20°C to 54°C (-4°F to 130°F)                          |
| Typical Weight:              | 24 grams (0.84 oz.)                                    |
| Typical Volume:              | 8.3 cm <sup>3</sup> (0.5 in. <sup>3</sup> )            |
| Terminals:                   | Cap and base   |
| Recommended Usage Period:    | 7 years  |
| Heavy Metals Content:        | No added Mercury, Cadmium or Lead                      |

### To support its AA battery claims, Panasonic conducted device testing and results of those tests include:

- \* **A digital camera powered by EVOLTA batteries took 272 shots** compared with 209 shots when powered by Panasonic's current Alkaline Plus batteries - an increase of 30%. \*\*
- \* **An FM radio played up to 14 hours longer** when powered by two EVOLTA AA batteries than when powered by Panasonic's current Alkaline Plus batteries.\*\*\*
- \* **A remote-controlled car traveled as much as 8.7 miles farther** when equipped with six EVOLTA AA's than when powered by Panasonic's current Alkaline Plus batteries.\*\*\*\*

### Performance Index



**AA**

\*Continuous discharge over 50 mW, 68°F, COV.1.0V

\*\* Uses two AA dry-cell batteries; device testing does not guarantee performance

\*\*\* Continuous FM playing time comparison; radio model used: RF-P150; uses two AA dry-cell batteries; device testing does not guarantee performance

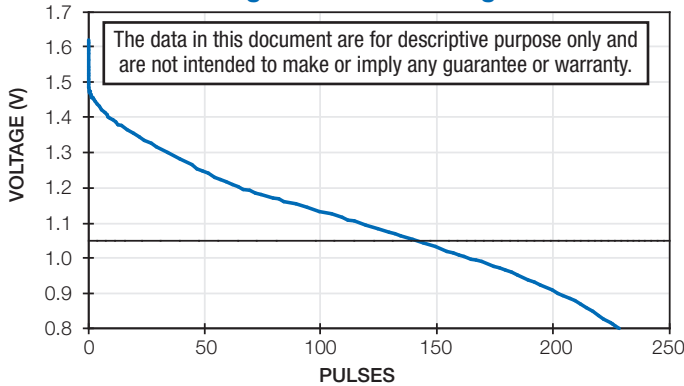
\*\*\*\* Continuous running distance comparison; the RC car was placed on a measuring device to compare continuous running distance; uses six AA dry-cell batteries; device testing does not guarantee performance

## Part Number: LR6EGA

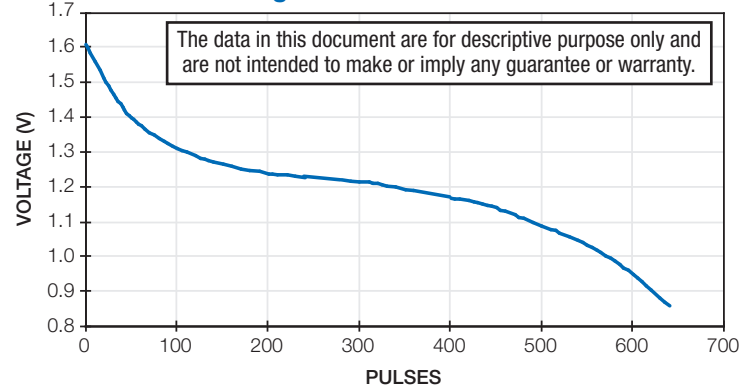
### Alkaline Manganese Dioxide Battery

#### IEC/ANSI Standard Tests @ 20°C

##### Discharge Curve of LR6 Digital Camera

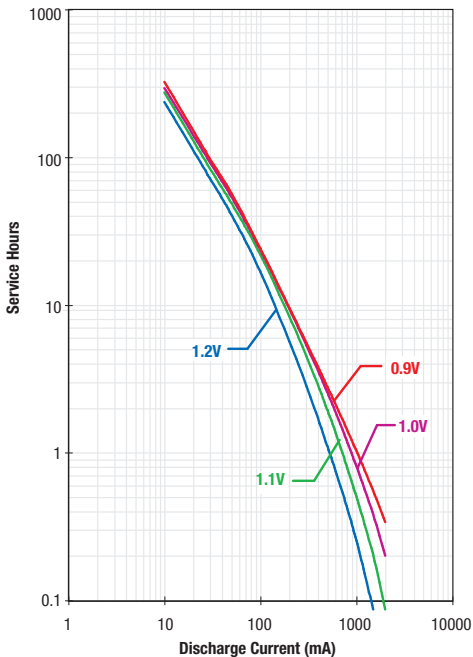


##### Discharge Curve of LR6 Photo Flash



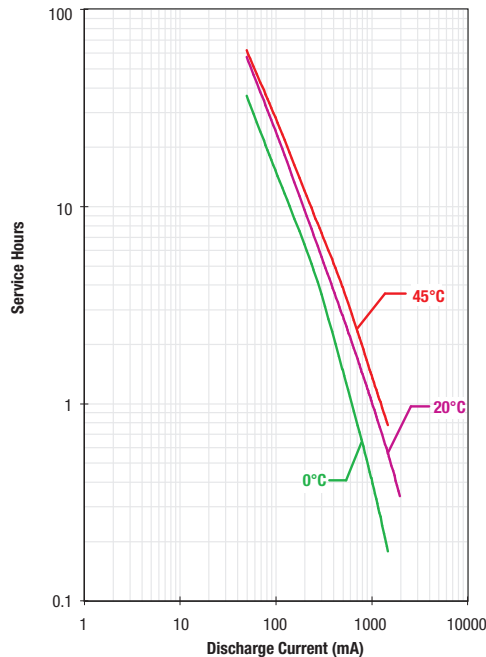
#### Typical Discharge Characteristics

Constant Current and Temperature Test temperature: 20±2°C



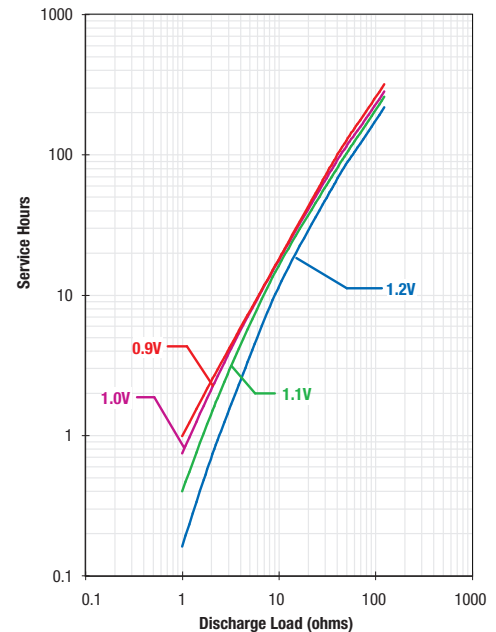
#### Typical Temperature Characteristics

Constant Current, Multiple Temperatures end Voltage: 0.9V



#### Typical Discharge Characteristics

Constant Resistance and Temperature Test temperature: 20±2°C



This information is generally typical and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Cell/battery performance and service life depends on the operating temperature, cut-off voltage and load applied to cell/battery in a specific application. It is the responsibility of each user to ensure that each cell/battery application is adequately designed safe and compatible with all conditions encountered during use and in conformance with existing standards and requirements. Contact Panasonic for the latest information.

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# Panasonic® ideas for life