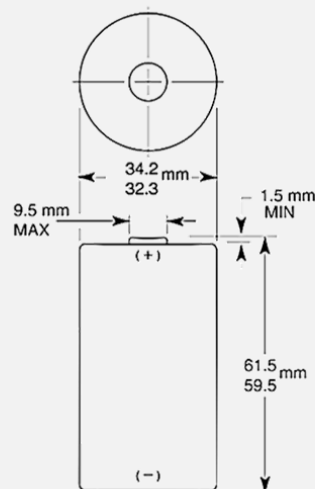


ALKALINE-MANGANESE DIOXIDE BATTERY



Size: D (LR20) PC1300



Dimensions shown are IEC standards

KEY FEATURES

- Reliable Performance
- Excellent resistance to corrosion
- Designed to meet all major quality, safety and environmental standards:
 - Safety: IEC 60086-5
 - ANSI C 18.1M, Part-2
 - EU Battery Directive
 - Quality: ISO 14001 and 9001, Duracell World Class Continuous Improvement Program

TYPICAL APPLICATIONS

- Clocks
- Multimeters
- Flashlights
- Scales

ELECTRICAL CHARACTERISTICS

- | | |
|-----------------------------------------------|------------|
| ▪ Nominal capacity (25 mA Cont., .8V cut-off) | 19,669 mAh |
| ▪ Typical Voltage (at + 20 °C) | 1.5 V |
| ▪ AC Impedance @ 1kHz | 133 mΩ |

PHYSICAL CHARACTERISTICS

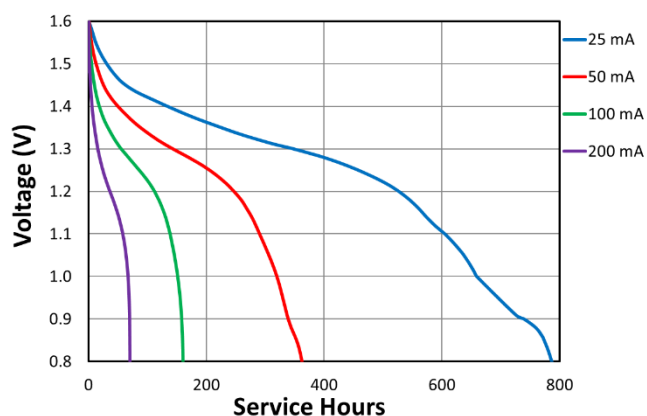
- | | |
|------------------|---------------------------------------------|
| ▪ Typical weight | 144.0 g (5.1 oz) |
| ▪ Typical volume | 56.4 cm ³ (3.4 in ³) |
| ▪ Terminals | Flat |

OPERATING & STORAGE CONDITIONS

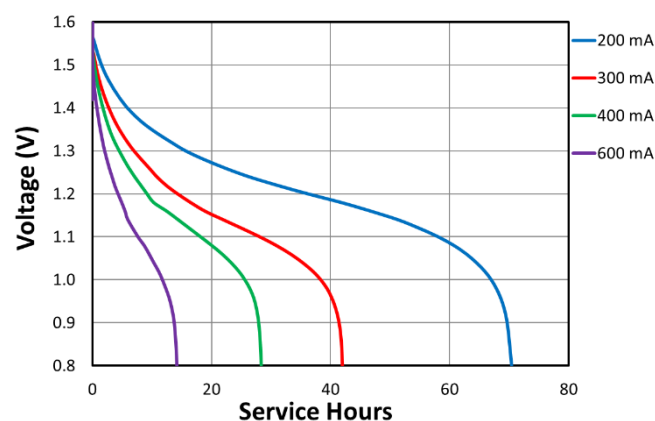
- | | |
|--------------------------------------------------------------------------------|----------------------------------|
| ▪ Operating temperature range | -20°C to 54°C
(-4°F to 130°F) |
| ▪ Recommended Storage (storage area should be clean, cool, dry and ventilated) | 5°C to 30°C
(41°F to 86°F) |

TYPICAL PERFORMANCE

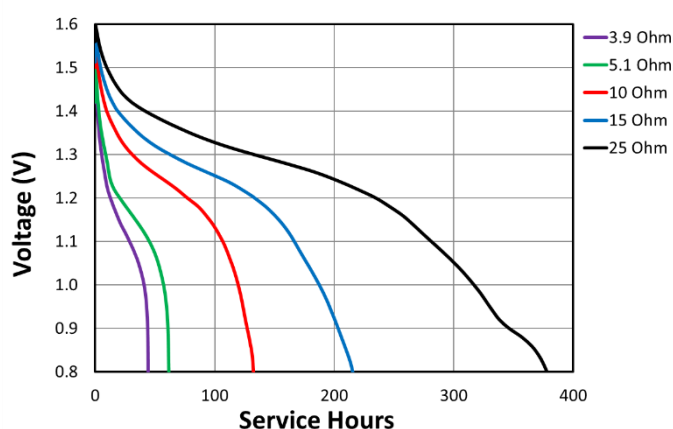
Constant Current



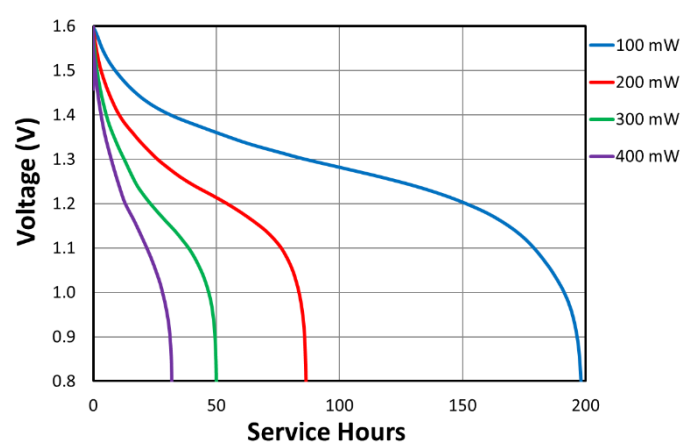
Constant Current



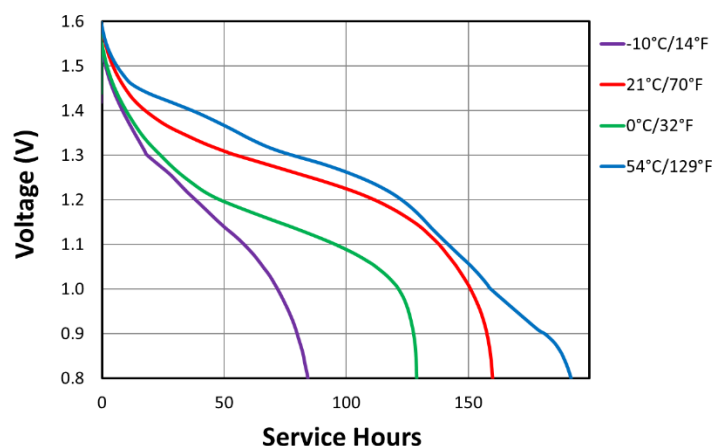
Constant Resistance



Constant Power



Constant Current - 100 mA



Delivered capacity is dependent on the applied load, operating temperature and cut-off voltage. Please refer to the charts and discharge data shown for examples of the energy/service life that the battery will provide for various load conditions.

This data is subject to change. Performance information is typical. Contact Duracell for the latest information.