

#### Key Features

- High voltage response, stable during most of the lifetime of the application
- Reliable Performance
- Child-Safe Markings & Retail Packaging
- Wide operating temperature range (-30°C / +65°C)
- Low self-discharge with long operating life (<1% after 1 year of storage at +20 °C)
- Excellent resistance to corrosion
- Designed to meet all major quality, safety and environment standards:
  - Safety: IEC 60086-4
  - Transport: UN 38.3
  - RoHS and REACH compliance
  - Quality: ISO 9001, Duracell World Class Continuous Program

#### Electrical characteristics

- |   |         |
|---|---------|
| ▪ Nominal capacity (15k Ohm Cont., 2.0 V cut-off) | 300 mAh |
| ▪ Open circuit voltage (at +20 °C)                | 3.0 V   |
| ▪ Standard Continuous Discharge Current           | 0.8 mA  |
| ▪ Maximum Continuous Discharge Current            | 8 mA    |
| ▪ Maximum Pulse Discharge Current at 1 sec        | 30 mA   |
| ▪ Energy Content (in Watt-Hours)                  | 0.9 Wh  |

#### Physical characteristics

- |                    |                  |
|--------------------|------------------|
| ▪ Typical weight   | 4.5 g (0.16 oz.) |
| ▪ Li metal content | approx. 0.086 g  |

#### Operating conditions

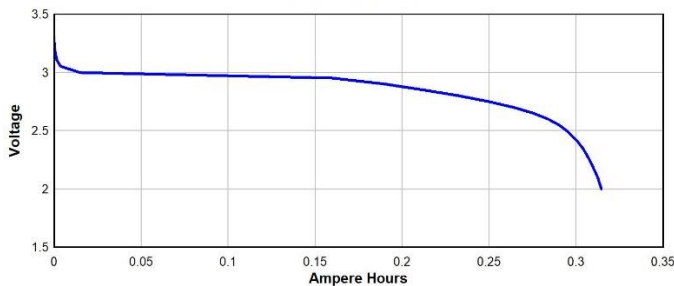
- |                                    |                                   |
|------------------------------------|-----------------------------------|
| ▪ Operating temperature range      | -30°C to 65°C<br>(-22°F to 149°F) |
| ▪ Storage temperatures Recommended | 5°C to 30°C<br>(41°F to 86°F)     |

**DURACELL®**  
BATTERIES

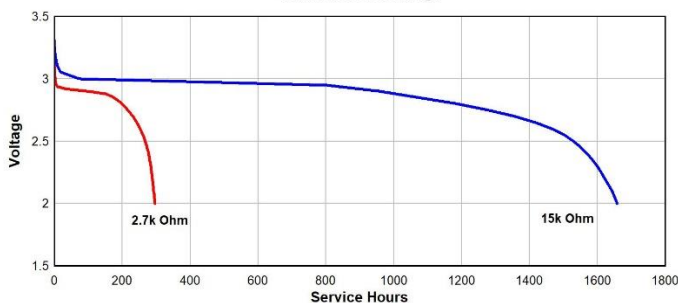
Berkshire Corporate Park  
Bethel, CT. 06801 U.S.A.  
Telephone: Toll-free 1-800-544-5454  
www.duracell.com

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.

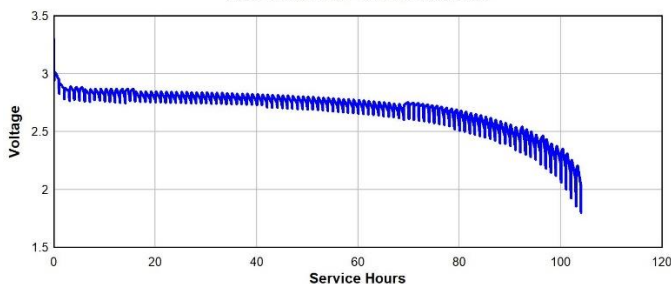
IEC Rated Capacity Test  
15k Ohm Continuous to 2V



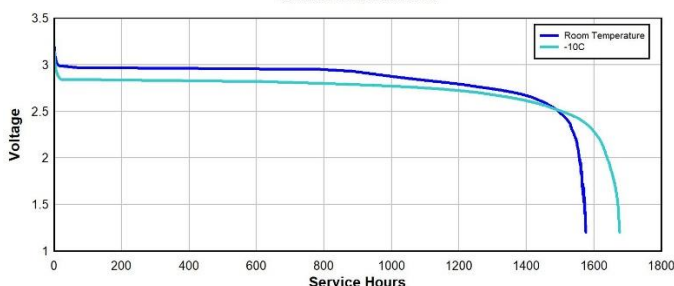
Continuous Discharge



Pulse Discharge  
270 Ohm 5 m/hr with 1.3k Ohm Background



Temperature Performance  
15k Ohm Continuous to 2V



#### Typical applications

- Medical devices like glucose monitors
- Security devices
- Fitness devices like heart rate monitors
- Watches
- Wireless sensors
- Toys
- Trackers & Beacons

#### 60086-4 © IEC:2007 Edition 3.0

Test	Test designation	Observation
A	Altitude	Pass
B	Thermal cycling	Pass
C	Vibration	Pass
D	Shock	Pass
E	External short circuit	Pass
F	Impact	Pass
G	Crush	Pass
H	Forced discharge	Pass
I	Abnormal charging	Pass
J	Free fall	Pass
K	Thermal Abuse	Pass

#### Warning

Fire, explosion and burn hazard. Do not recharge, short circuit, crush, disassemble, heat above 100 °C (212 °F), incinerate, or expose contents to water.

#### Warning! Keep batteries away from children!

Always keep your batteries away from children to prevent swallowing. If ingestion does occur, however, be aware that initial symptoms may be similar to other childhood illnesses such as coughing, drooling and discomfort.

#### Storage

The storage area should be clean, cool (preferably not exceeding +30 °C), dry and ventilated.