

Key Features

- Industry Highest Cell Capacity & High Energy
- High voltage response, stable during most of the lifetime of the application
- Reliable Performance
- Child-Safe Markings & Retail Packaging
- Wide operating temperature range (- 20°C / + 60°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
 - REACH compliance
 - Quality: ISO 9001, Duracell World Class Continuous Program

Electrical characteristics

- | | |
|---|---------|
| ▪ Nominal capacity (15k Ohm Cont., 2.0 V cut-off) | 620 mAh |
| ▪ Minimum Open circuit voltage (at + 20 °C) | 3.0 V |
| ▪ Standard Continuous Discharge Current | 0.8 mA |
| ▪ Maximum Continuous Discharge Current | 3 mA |
| ▪ Maximum Pulse Discharge Current at 1 sec | 50 mA |
| ▪ Nominal Energy | 1.86 Wh |
| ▪ Maximum Abnormal Charge Current | 25 mA |

Physical characteristics

- | | |
|--------------------|------------------|
| ▪ Typical weight | 6.6 g (0.23 oz.) |
| ▪ Li metal content | approx. 0.18 g |

DURACELL®
BATTERIES

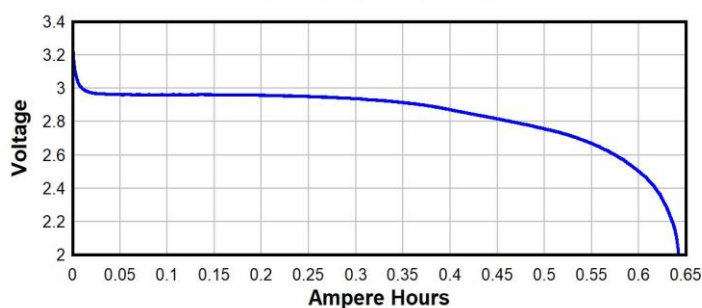
Berkshire Corporate Park
Bethel, CT. 06801 U.S.A.
Telephone: Toll-free 1-800-544-5454
www.duracell.com

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.

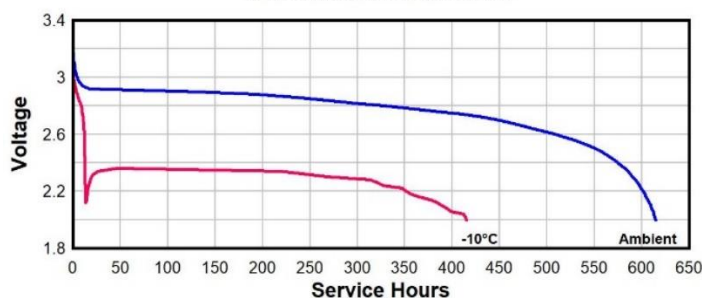
Typical applications

- Key-Fobs & Trackers
- Security devices
- Fitness devices
- Flameless candles
- Garage Door Openers
- Wireless sensors
- Alarm Clocks
- Measurement Devices
- Remote Control Devices

Rated Capacity
7.5k Ohm Continuous to 2.0V



Cold Temperature Performance
2.7k Ohm Continuous to 2.0V



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

Storage

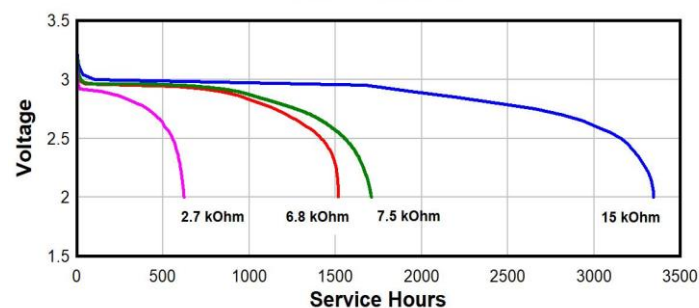
The storage area should be clean, cool (preferably not exceeding +30 °C), dry and ventilated

Operating conditions

- Operating temperature range: -20°C to 60°C (-4°F to 140°F)
- Storage temperatures Recommended: 5°C to 30°C (41°F to 86°F)

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.

Continuous Discharge - Service Hours
Various Loads to 2.0V



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! 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.

Mouser Electronics

Authorized Distributor

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[DL2450BPK](#)