

Key Features

- Industry Highest Cell Capacity & High Energy
- High voltage response, stable during most of the lifetime of the application
- Reliable Performance
- Wide operating temperature range (-20°C / +60°C)
- Low self-discharge with long operating life
- 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 (47k Ohm Cont., 2.0 V cut-off) 80 mAh
- Nominal Open Circuit Voltage (at +20 °C) 3.2 V
- Standard Continuous Discharge Current 0.2 mA
- Maximum Continuous Discharge Current 4 mA
- Maximum Pulse Discharge Current 10 mA
- Maximum Abnormal Charge Current 4 mA
- Nominal Energy 240 mWh

Physical characteristics

- Typical weight 1.3 g (0.046 oz.)
- Li metal content approx. 0.023 g

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.

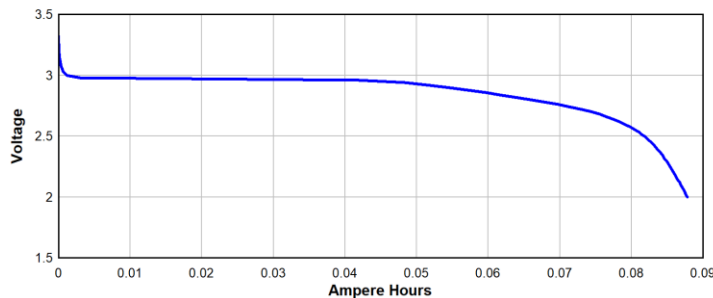
Typical applications

- Key-Fobs & Trackers
- Tire Pressure Systems
- Bluetooth Trackers
- Fitness Devices
- LED Lighting
- Wireless sensors
- Scopes

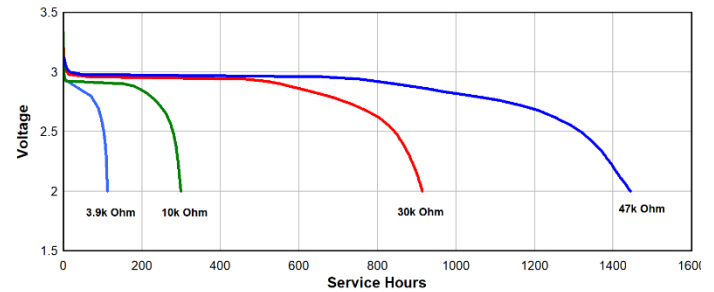
Operating conditions

- 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)

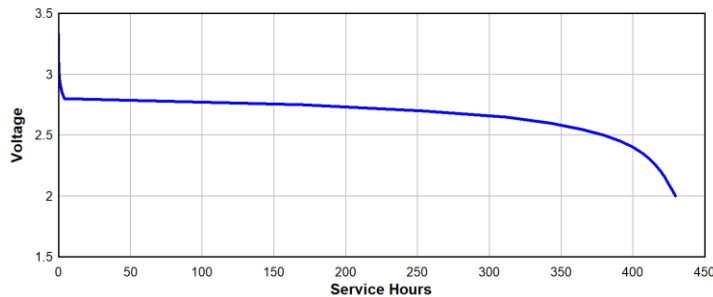
IEC Rated Capacity
47k Ohm Continuous to 2.0V



Continuous Discharge
Multiple Loads to 2V



Cold Temperature Discharge
15k Ohm Continuous to 2V @ -10C



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

Storage

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

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.

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