

Key Features

- Industry High Cell Capacity & High Energy
- High voltage response, stable during most of the lifetime of the application
- Reliable Performance
- Wide operating temperature range (- 20°C / + 75°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 (30kOhm Cont., 4V cut-off) | 160 mAh |
| ▪ Typical Voltage (at + 20 °C) | 6.0 – 6.6 V |
| ▪ Standard Continuous Discharge Current | 2.7 mA |
| ▪ Nominal Internal Impedance @ 1kHz | 700 mOhm |

Physical characteristics

- | | |
|--------------------|------------------|
| ▪ Typical weight | 9.1 g (0.33 oz.) |
| ▪ Li metal content | approx. 0.12g |

Operating & Storage conditions

- | | |
|--|----------------------------------|
| ▪ Operating temperature range | -20°C to 75°C (-4°F to 167°F) |
| ▪ Recommended Storage (storage area should be clean, cool, dry and ventilated) | 5°C to 30°C (41°F to 86°F) |

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

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.

DURACELL®
BATTERIES

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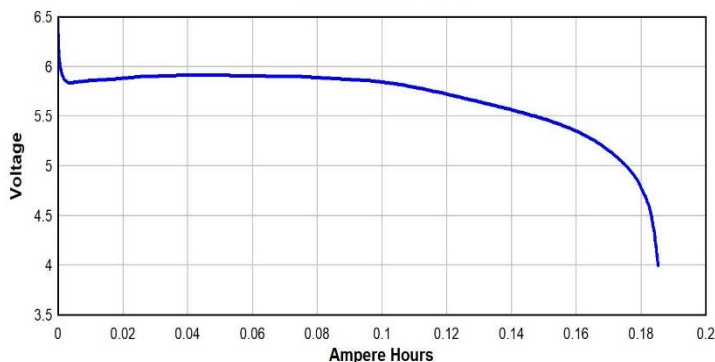
Typical applications

- LED Lighting
- Electronic Locks
- Dog collars
- Medical Equipment
- Keyless Entry devices
- Invisible Fence
- Memory Back-Up Power Source

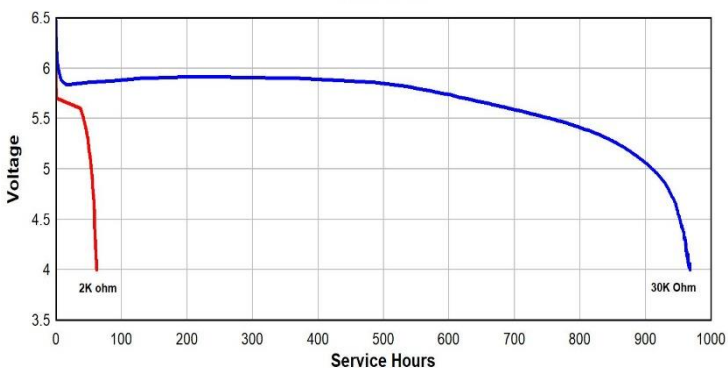
60086-4 © IEC:2007 Edition 3.0

| 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 |

Duracell PX28L - Rated Capacity
30K Ohm Continuous to 4V



Duracell PX28L - Continuous Discharge
Service Hours



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