**ELECTRICAL CHARACTERISTICS**
(typical values for cells stored for one year or less, at 25°C)

- **Nominal capacity** 1.20Ah
  (at 1.0 mA, +25°C, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.)

- **Rated voltage** 3.6 V

- **Maximum recommended continuous current** 40 mA
  (to get 50% of the nominal capacity at +25°C with 2.0V cut off. Higher currents possible. Consult Omnicel.)

- **Pulse capability**: varies according to pulse characteristics (frequency and duration), temperature, cell history (storage conditions prior to usage) and the application’s acceptable minimum voltage.

- **Maximum pulse current capability** 200 mA
  Rated 1 sec. pulse capability (to 3V) 20 mA

- **Storage** (recommended) 30°C max
  (possible without leakage) -55° / +120°C

- **Operating temperature range** -55° / +85°C
  (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)

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

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**KEY FEATURES**
- High and stable operating voltage
- High minimum voltage during pulsing
- Low self discharge rate (less than 1% after 1 year of storage at +25°C)
- Stainless steel container
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard and EN 50020 intrinsic safety
- Non restricted for transport

**Underwriters Laboratories (UL)
Component Recognition (File Number MH 47566)**

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**MAIN APPLICATIONS**
- Utility metering
- Alarms and security devices
- Memory back-up
- Tracking systems
- Automotive electronics
- Professional electronics
  ...etc.

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Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.
**DISCHARGE CHARACTERISTICS @ +25°C**

![Graph of voltage vs. temperature](image)

**VOLTAGE VS. TEMPERATURE**

![Graph of voltage vs. temperature](image)

**PHYSICAL CHARACTERISTICS**

- Diameter (max) 17.0 mm (0.571”)
- Height (max) 28.6 mm (1.126”)
- Weight 13 g (0.458 oz)
- Wire Length 75 ± 5 mm (2.952 + .197”)

**CAPACITY VS. CURRENT**

![Graph of capacity vs. current](image)

**PULSE DISCHARGE CHARACTERISTICS**

![Graph of pulse discharge characteristics](image)