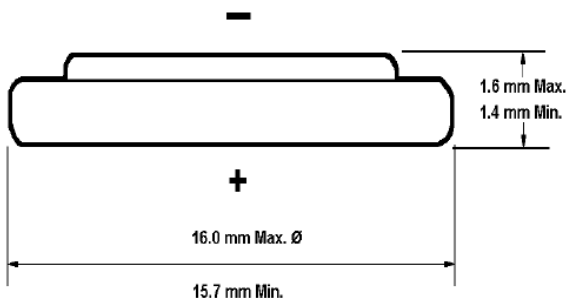
DL 1616

Lithium/Manganese Dioxide Battery

Li/MnO_2

https://www.mega-piles.com/





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
  (<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

Typical applications

- Medical devices
- Security devices
- Fitness devices
- Watches
- Toys
- Key-Fobs
- Remote Controls

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.

Electrical characteristics

Nominal capacity (15k Ohm Cont., 2.0 V cut-off)	55 mAh
Open circuit voltage (at + 20 °C)	3.1 V
Standard Continuous Discharge Current	0.1 mA
Maximum Continuous Discharge Current	3 mA
Maximum Pulse Discharge Current at 1 sec	35 mA
Nominal Energy	178 mWh
AC Impedance @ 1kHz	22 Ohm

Physical characteristics

Typical weight	1.2 g (0.04 oz.)
Li metal content	approx. 0.02 g

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)

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

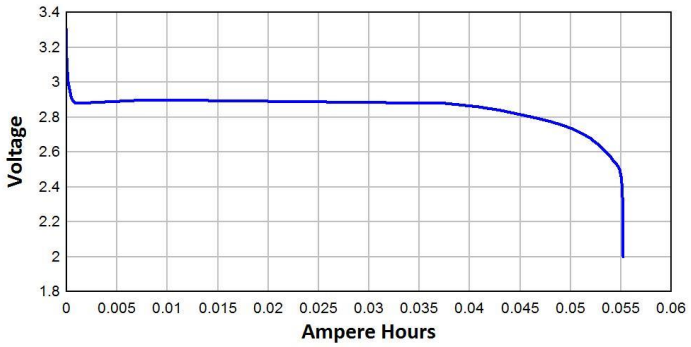
DURACELL®

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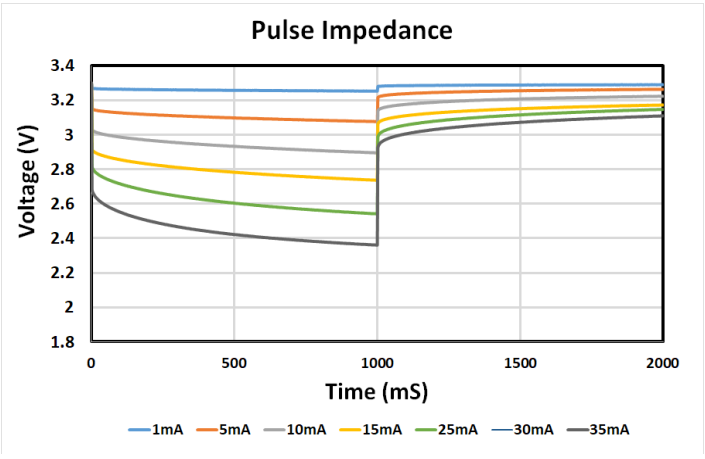
Rated Capacity
30K Ohm Continuous to 2.0V



Continuous Discharge at Various Loads



Pulse Impedance



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.

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

Storage

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

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