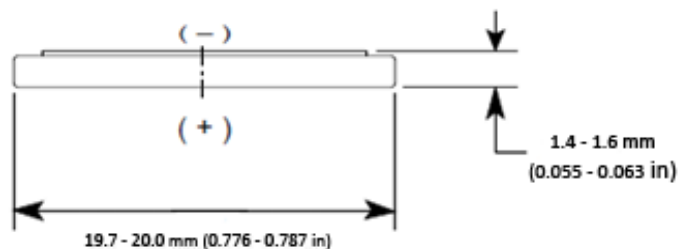


LITHIUM-MANGANESE DIOXIDE BATTERY



Size: PC2016



Dimensions shown are IEC standards

KEY FEATURES

- High voltage response, stable during most of the lifetime of the application
- Reliable Performance
- Child-Safe Markings & Retail Packaging
- 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 (15 kΩ Cont., 2.0 V cut-off)	110 mAh
Nominal voltage (at + 20 °C)	3.0 V
Standard Continuous Discharge Current	0.2 mA
Maximum Continuous Discharge Current	3 mA
Maximum Pulse Discharge Current at 1 sec	10 mA
Nominal Energy	315 mWh
AC Impedance @ 1kHz	11Ω

PHYSICAL CHARACTERISTICS

Typical weight	1.74g (.061 oz.)
Li metal content	approx. 0.025 g

OPERATING & STORAGE CONDITIONS

Operating temperature range	-20°C to 60°C (-4°F to 140°F)
Recommended Storage (storage area should be clean, cool, dry and ventilated)	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.

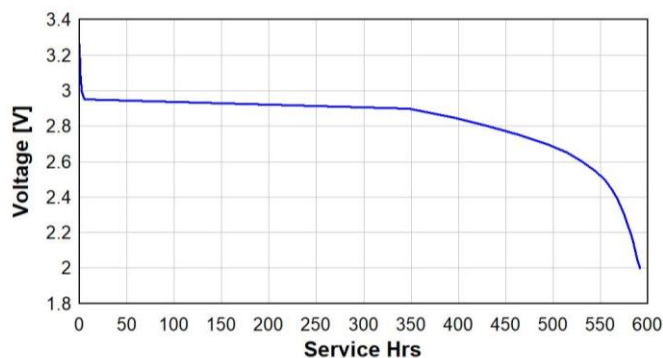
This data is subject to change. Performance information is typical. Contact Duracell for the latest information.

PROCELL®
PROFESSIONAL BATTERIES

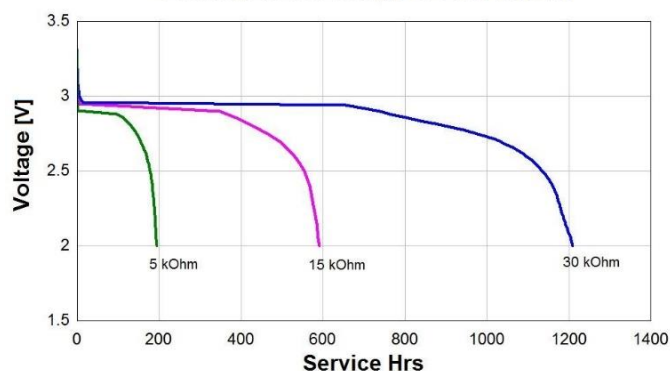
Procell Professional Batteries
Berkshire Corporate Park
Phone: 1-800-544-5454 (Toll-free)
www.procell.com

TYPICAL PERFORMANCE

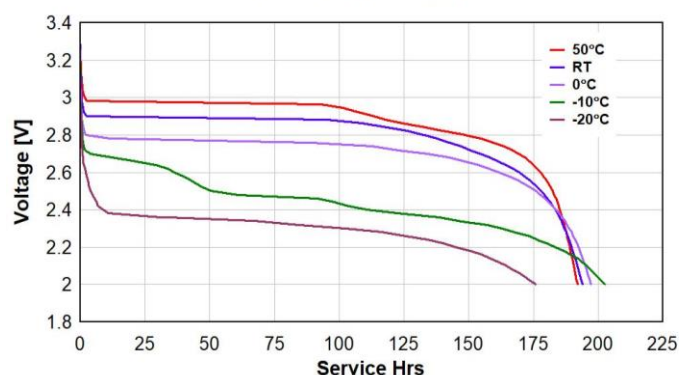
Continuous Discharge
15k Ω continuous until 2V



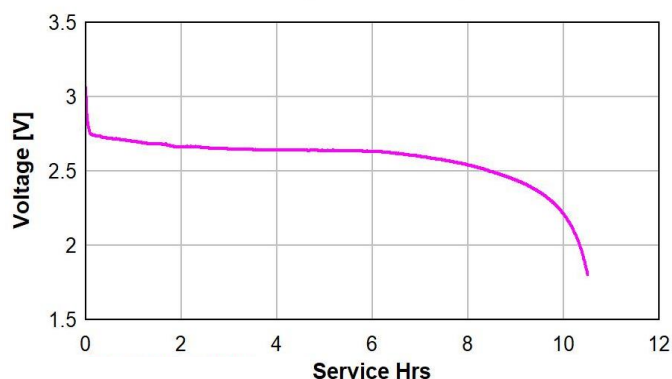
Continuous Discharge to 2.0V cut-off



Temperature Discharge
5000 Ω Continuous to 2V



Pulse Discharge
10 mA 5s/m, 24h/d 1.8V



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TYPICAL APPLICATIONS

- Medical devices
- Security devices
- Fitness devices
- Watches
- Wireless sensors
- Toys
- Key-Fobs
- Bluetooth Trackers

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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.
- Battery ingestion hotline (860-498-8666)

WARNING

- Fire, explosion and burn hazard
- Do not recharge, short circuit, crush, disassemble, expose to heat above 100 °C (212 °F), incinerate, or expose contents to water

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