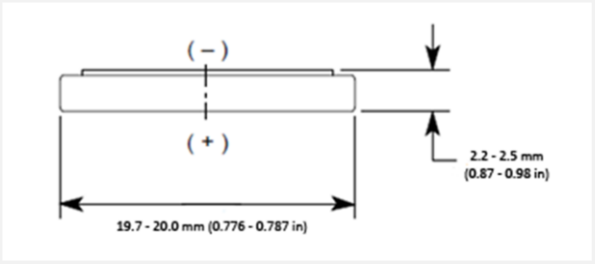
PROCELL®
PROFESSIONAL BATTERIES

Li / MnO_2

LITHIUM-MANGANESE DIOXIDE BATTERY

Size: PC2025



Dimensions shown are IEC standards

KEY FEATURES

- Industry Highest Cell Capacity & High Energy
- High voltage response, stable during most of the lifetime of the application
- Reliable Performance
- Child-Safe Markings & Retail Packaging
- Wide operating temperature range (-20°C / +60°C)
- Low self-discharge with long operating life (<2% 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
  - REACH compliance
  - Quality: ISO 9001, Duracell World Class Continuous Program

ELECTRICAL CHARACTERISTICS

Nominal capacity (15kΩ Cont.,2.0 V cut-off)	165 mAh
Nominal voltage (at + 20 °C)	3.0 V
Standard Continuous Discharge Current	0.2 mA
Maximum Continuous Discharge Current	6 mA
Maximum Pulse Discharge Current at 1 sec	20 mA
Nominal Energy	495 mWh
AC Impedance @ 1kHz	24Ω

PHYSICAL CHARACTERISTICS

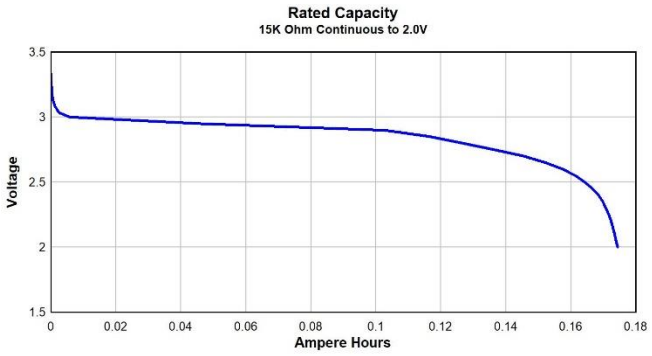
Typical weight	2.56 g (0.09 oz.)
Li metal content	approx. 0.052 g

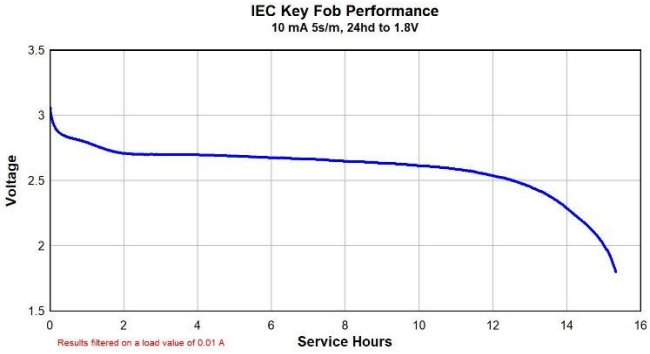
OPERATING & STORAGE CONDITIONS

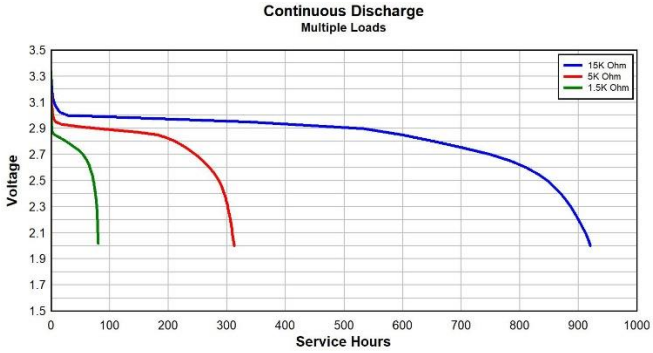
Operating temperature range	-20°C to 60°C (-4°F to 140°F)
Recommended Storage (storage area should be clean, cool, dry and ventilated)	5°C to 30°C (41°F to 86° F)

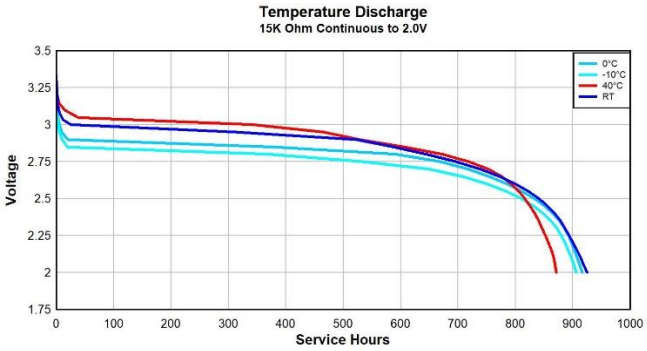
Delivered capacity is dependent on the applied load, operating temperature and cut-off voltage. Please refer to the charts and discharge data shown for examples of the energy/service life that the battery will provide for various load conditions.

TYPICAL PERFORMANCE









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TYPICAL APPLICATIONS

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

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

TYPICAL APPLICATIONS

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)

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