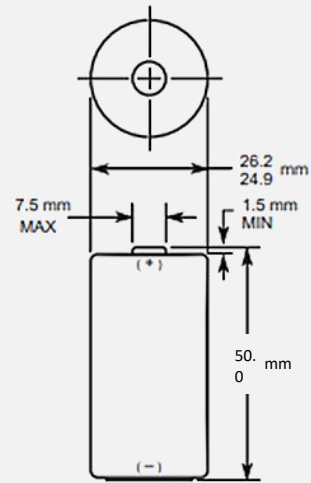# PROCELL®
PROFESSIONAL BATTERIES

Zn / MnO$_2$

ALKALINE-MANGANESE DIOXIDE BATTERY

Size: C (LR14) PX1400

Dimensions shown are IEC standards

KEY FEATURES

- Reliable Performance
- Excellent resistance to corrosion
- Designed to meet all major quality, safety and environmental standards:

  o Safety: IEC 60086-5
  o ANSI C 18.1M, Part-2
  o EU Battery Directive
  o Quality: ISO 14001 and 9001, Duracell World Class Continuous Improvement Program

TYPICAL APPLICATIONS

- Sanitizer Dispensers
- Air Fresheners
- Paper Towel Dispensers
- Flashlights
- Soap Dispensers

ELECTRICAL CHARACTERISTICS

Nominal capacity (25 mA Cont., .8V cut-off)	8,240 mAh
Typical Voltage (at + 20 °C)	1.5 V
AC Impedance @ 1kHz	74 mΩ

PHYSICAL CHARACTERISTICS

Typical weight	65.0 g (2.5 oz)
Typical volume	26.9 cm^3 (1.6 in^3)
Terminals	Flat

OPERATING & STORAGE CONDITIONS

Operating temperature range	-20°C to 54°C (-4°F to 130°F)
Recommended Storage (storage area should be clean, cool, dry and ventilated)	5°C to 30°C (41°F to 86° F)

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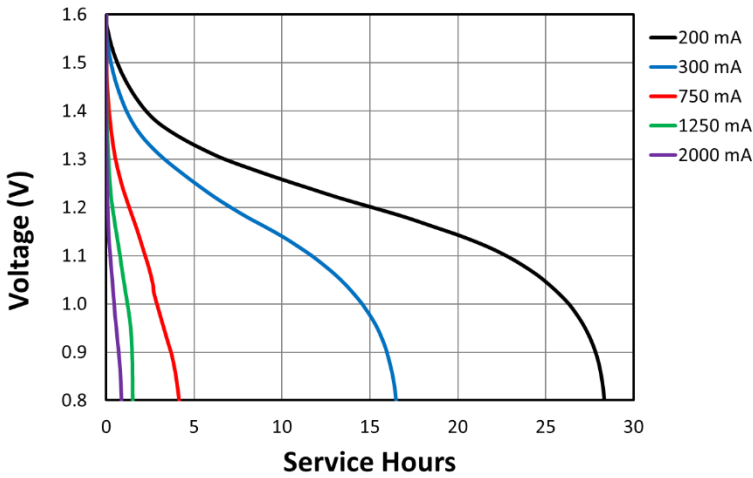Berkshire Corporate Park
Phone: 1-800-544-5454 (Toll-free)
www.procell.com

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.

TYPICAL PERFORMANCE

Constant Current

Legend: 200 mA, 300 mA, 750 mA, 1250 mA, 2000 mA
X-axis: Service Hours
Y-axis: Voltage (V)

Constant Resistance

Legend: 0.5 Ohm, 0.8 Ohm, 1.5 Ohm, 3 Ohm, 6 Ohm
X-axis: Service Hours
Y-axis: Voltage (V)

Constant Power

Legend: 250 mW, 750 mW, 500 mW, 1000 mW, 1500 mW
X-axis: Service Hours
Y-axis: Voltage (V)

Constant Current - 200 mA

Legend: -10°C/14°F, 21°C/70°F, 0°C/32°F, 54°C/129°F
X-axis: Service Hours
Y-axis: Voltage (V)

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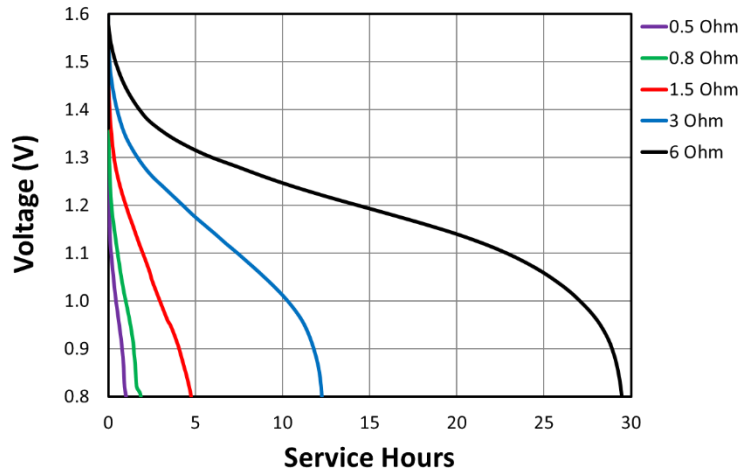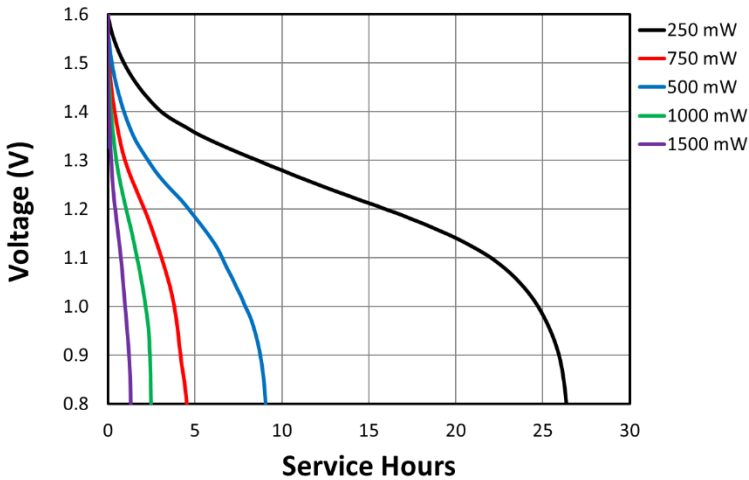
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