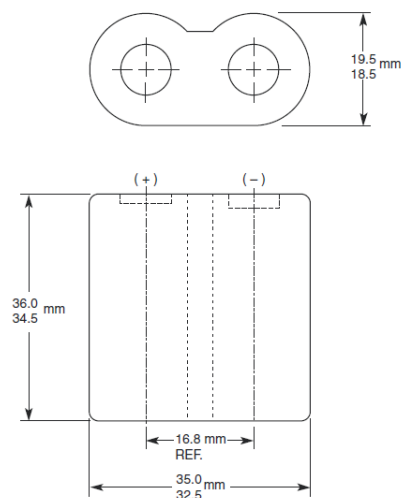


LITHIUM/MANGANESE DIOXIDE BATTERY



Size: PX223 (CR-P2)



Dimensions shown are IEC/ANSI standards

KEY FEATURES

- Industry Highest Cell Capacity & High Energy
- High voltage response, stable during most of the lifetime of the application
- Wide operating temperature range (-20°C/ + 75°C)
- Low self-discharge with long operating life (<1% after 1 year of storage at + 20 °C)
- 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

- Security Devices (sensors, monitoring cameras)
- Automated Plumbing Equipment

ELECTRICAL CHARACTERISTICS

Nominal capacity (200 Ohm Cont, 2 V cut-off)	1550 mAh
Nominal Voltage	6V
Typical Voltage (at +20°C)	6.4-6.6V
Nominal Internal Impedance @ 1kHz	0.4 Ohm
Nominal Energy	8.4 Wh

PHYSICAL CHARACTERISTICS

Typical weight	38g (1.34 oz.)
Li metal content	approx. 1.12 g
Typical Volume	22.6 cm ³

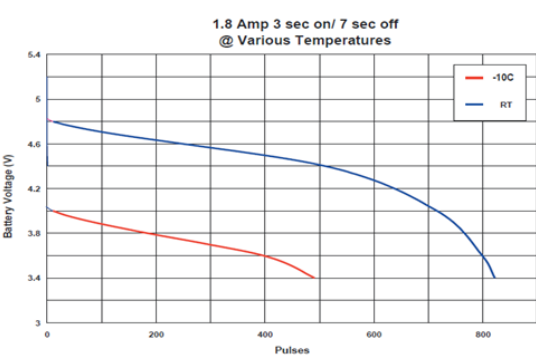
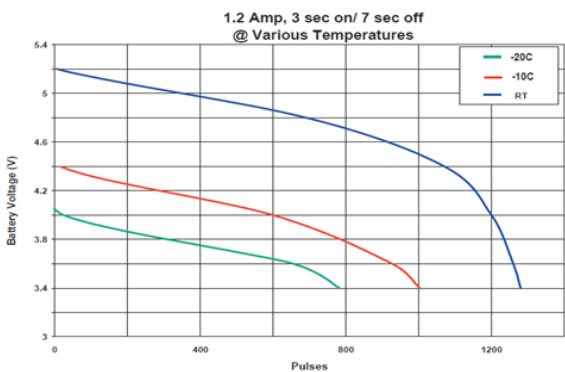
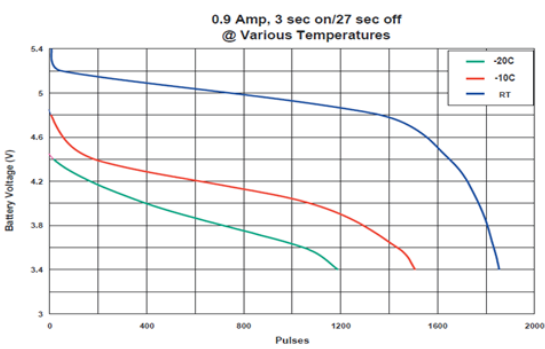
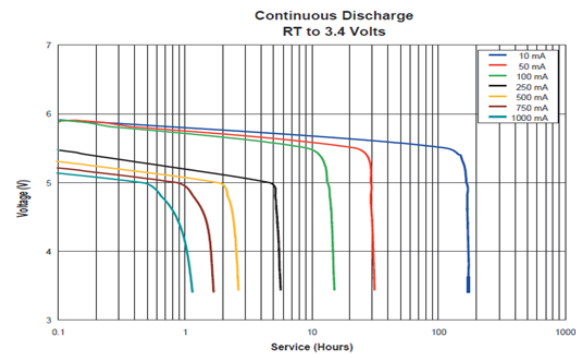
OPERATING & STORAGE CONDITIONS

Operating temperature range	-20°C to 75°C (-4°F to 167°F)
Recommended Storage	Storage area should be clean, cool (preferably not exceeding +29°C), dry and ventilated
	6°C to 29°C (42°F to 85°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.

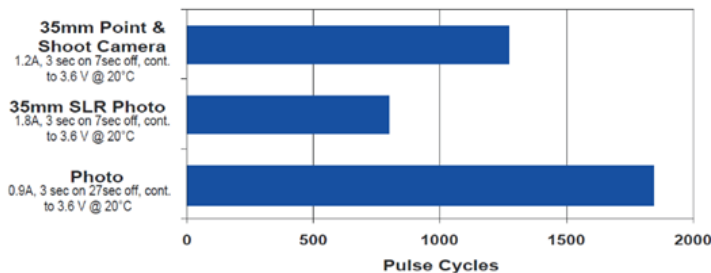
This data is subject to change. Performance information is typical. Contact Duracell for the latest information.

TYPICAL PERFORMANCE



60086-4 © IEC:2007 Edition 3.0

Duracell Ultra 223 Typical Performance



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

PROCELL®
PROFESSIONAL BATTERIES

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

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

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.