

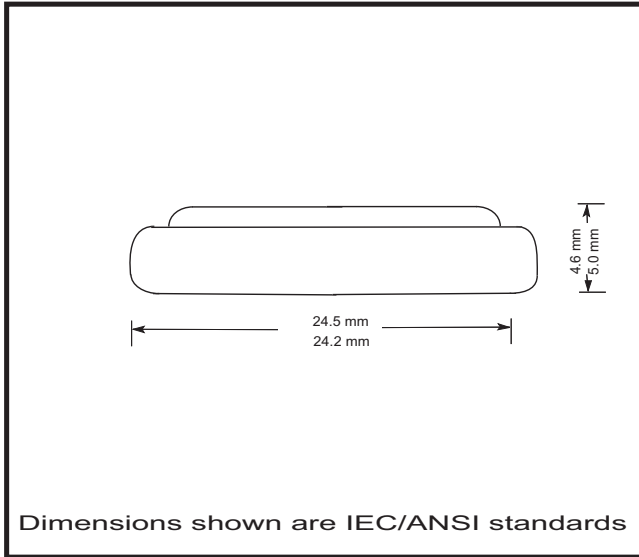
DURACELL®

Lithium-Manganese Dioxide

2450

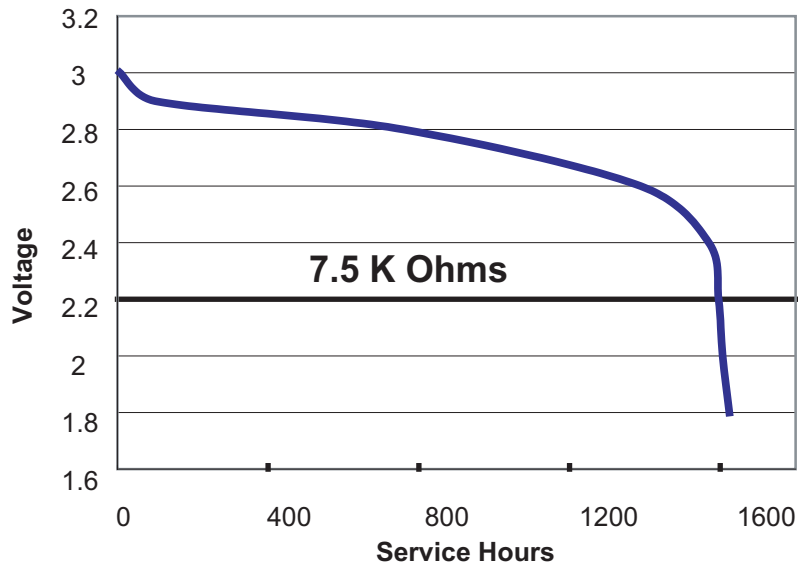
Size: CR 2450

Li/MnO₂



Nominal Voltage:	3 V
Average Weight:	6.6 gm (0.23 oz.)
Volume:	2.24 cm ³ (0.14 in. ³)
Terminals:	Flat
Operating Temperature Range:	-20°C to 54°C (-4°F to 130°F)
ANSI:	5029LC
IEC:	CR 2450

Typical Discharge Characteristics at 21°C (70°F)



DURACELL®
BATTERIES

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

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

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SPECIFICATION SUMMARY:

SELECTED PRODUCTS

LITHIUM PRIMARY CELLS & BATTERIES

DURACELL® lithium-manganese dioxide batteries represent one of the latest advances in primary battery technology. For applications with a high current pulse (e.g., photoflash) and continuous drain, Duracell offers high rate 3 and 6-volt lithium batteries. Low power lithium coin cells are also available for use in memory backup applications and small electronic devices. All DURACELL® lithium batteries offer high energy density, excellent rate capability, great low temperature performance⁽¹⁾, and excellent shelf life.

DURACELL PRODUCT NUMBER	SIZE	NOMINAL VOLTAGE (V)	DIMENSIONS ⁽²⁾						NOMINAL WEIGHT		NOMINAL VOLUME		CROSS REFERENCE	
			MAXIMUM		MAXIMUM		MAXIMUM		g	oz.	cm ³	in ³	ANSI	IEC
			mm	in.	mm	in.	mm	in.						

CYLINDRICAL PHOTO

LITHIUM BATTERIES

			DIAMETER		HEIGHT									
			mm	in.	mm	in.								
123	1 x 2/3A	3.0	17.0	0.67	34.5	1.36	-	-	17.0	0.60	7.18	0.44	5018LC	CR17345
1/3N	1 x 1/3N	3.0	11.6	0.46	10.8	0.43	-	-	3.3	0.12	1.13	0.07	5008LC	CR11108
CR2	CR2	3.0	15.6	0.61	27.0	1.06	-	-	11.0	0.39	5.16	0.31	CR2	-
PX28L	2 x 1/3N	6.0	25.2	0.99	13.0	0.51	-	-	9.4	0.33	2.8	0.17	1406LC	2CR11108

PHOTO LITHIUM MULTICELL

BATTERIES

			HEIGHT		WIDTH		THICKNESS							
			mm	in.	mm	in.	mm	in.						
245	2 x 2/3A	6.0	45.0	1.77	34.0	1.34	17.0	0.67	38.6	1.36	24.1	1.47	5032LC	2CR5
223	2 x 2/3A	6.0	36.0	1.42	35.0	1.38	19.5	0.77	38.0	1.34	22.6	1.38	5024LC	CR-P2
CR-V3	2 x AA	3.0	52.2	2.06	28.6	1.13	14.6	0.58	39.0	1.38	21.9	1.34	-	-

COIN CELLS

			DIAMETER		HEIGHT									
			mm	in.	mm	in.								
DL2016	COIN	3.0	20.0	0.79	1.6	0.06	-	-	1.8	0.06	0.50	0.03	5000LC	CR2016
DL2025	COIN	3.0	20.0	0.79	2.5	0.10	-	-	2.2	0.08	0.79	0.05	5003LC	CR2025
DL2032	COIN	3.0	20.0	0.79	3.2	0.13	-	-	2.8	0.10	1.00	0.06	5004LC	CR2032
DL2430	COIN	3.0	24.5	0.97	3.0	0.12	-	-	4.0	0.14	1.41	0.09	5011LC	CR2430
DL2450	COIN	3.0	24.5	0.97	5.0	0.20	-	-	6.2	0.22	2.36	0.14	5029LC	CR2450

(1) Operating temperature range is -20°C to 60°C (-4°F to 140°F)

(2) Dimensions are IEC/ANSI standards.

DURACELL® Lithium Coin Battery

Duracell Batteries (Lithium)

Duracell	IEC	ANSI	Voltage	Overall Ht.(MM)	Overall Ht.(in.)	Diameter (MM)	Diameter (in.)
DL1025	-	-	3.0	2.5	0.080	10	0.394
DL1216	-	-	3.0	1.6	0.063	12.5	0.492
DL1616	CR1616	-	3.0	1.6	0.063	16	0.63
DL1620	CR1620	5009LC	3.0	2.0	0.079	16	0.63
DL2016	CR2016	5000LC	3.0	1.6	0.063	20	0.787
DL2025	CR2025	5003LC	3.0	2.5	0.098	20	0.787
DL2032	CR2032	5004LC	3.0	3.2	0.126	20	0.787
DL2430	CR2430	5011LC	3.0	3.0	0.118	24.5	0.965
DL2450	CR2450	5029LC	3.0	5.0	0.197	24.5	0.965

Duracell	Endpoint Voltage	Typical Capacity (MAh)
DL1025	2.0	30
DL1216	2.0	25
DL1616	2.0	55
DL1620	2.0	68
DL2016	2.0	85
DL2025	2.0	160
DL2032	2.0	230
DL2430	2.0	285
DL2450	2.0	540

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BATTERIES

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