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Marketing Data Sheet - Batteries

S6600065
 Issue E
 Memo No: [MDSR0104](#)

Rayovac Stock Number: **CR1616**

Name: **CR1616 LITHIUM**

ENGINEERING DATA:

Cell Chemistry: Lithium Manganese Dioxide (Li/MnO₂)

Designation: ANSI/NEDA – 5021LC, IEC-CR1616

Recommended Use: Watch and Calculators.

Nominal Voltage: 3 volts

Approximate Weight: 1.2 grams (.04 oz)

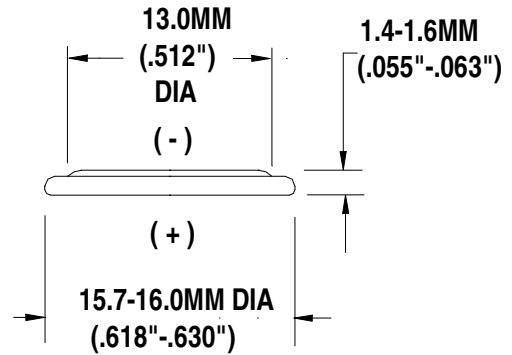
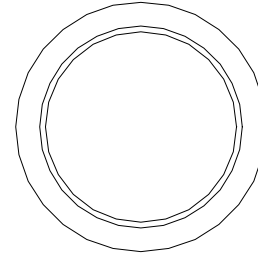
Approximate Volume: .33 CU CM (.02 CU IN)

Capacity: 55 mAh – 30k OHM 24 hour/day discharge
 At 68°F (20°C) to 2.5 volts.

Internal Resistance: (Fresh) 1KHz 10mA PULSE: 50 ohm max

Storage Loss At 68°F (20°C): Less than 0.3% per year.

Environmental: [Rayovac Material Safety Data Sheets](#)



ITEM	INITIAL	AFTER 1 YEAR	AFTER 3 YEARS	60°C 100 DAYS
Off-load voltage (Min. V.)	3.1V	3.1V	3.1V	3.1V
Internal Resistance of the fresh battery 1kHz 10mA (Max Ohm)	50 ohm			
Service life at 20°C Load: 30k ohm (End point 2.5 V)	X 578h MIN 520h	X 566h MIN 509h	X 543h MIN 488h	X 520h MIN 468h

This data is subject to change. Performance information is typical. Contents herein do not constitute a warranty.