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Marketing Data Sheet - Batteries

S6600172
 Issue R
 Memo No: [MDSR0104](#)

Rayovac Stock Number: **813**

Name: **813 (D) ALKALINE**

ENGINEERING DATA:

Cell Chemistry: Alkaline

Designation: ANSI/NEDA – 13A (D), IEC – LR20

Nominal Voltage: 1.5 volts

Approximate Weight: 5.0 Oz (144 grams)

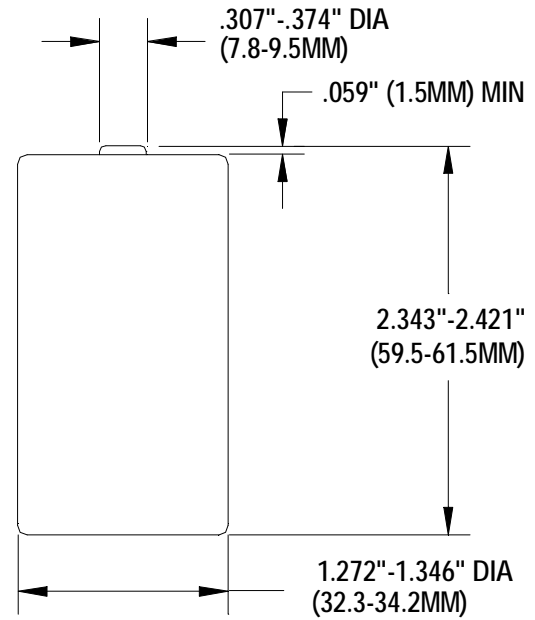
Approximate Volume: 3.4 CU IN (55.7 CU CM)

Operating Temp. Range: -30° C to 55° C (-20° F to 130° F)

Terminals: Flashlight

Shell: Plastic

Environmental: Meets Environmental Protection Agency (EPA) Requirements For Landfill Disposal.
 No Mercury Added Formulation
[Rayovac Material Safety Data Sheets](#)



Dimensions shown are ANSI/IEC standards

**TYPICAL INITIAL SERVICE AT 70°F (HOURS)
 CUTOFF VOLTAGE**

APPLICATION DUTY CYCLE	LOAD (OHMS)	CURRENT (MA at 1.2V)	CUTOFF VOLTAGE					mAh Capacity To 0.9V
			1.2V	1.1V	1.0V	0.9V	0.8V	
RADIO (4 HRS/DAY)	10	120	81	102	116	130	-	15,989
CASSETTE (1 HR/DAY)	3.9	308	23.2	34.8	40.8	45.1	-	13,948
FLASHLIGHT (4 MIN/HR-8 HR/DAY)	2.2	545	11.0	18.3	22.9	25.2	-	13,501
TOY/GAME (1 HR/DAY)	2.2	545	8.0	15.7	20.8	23.8	26.6	12,614
FLASHLIGHT (CONTINUOUS)	2.2	545	6.7	13.5	18.6	22.3	-	12,469
FLASHLIGHT K2 KRYPTON BULB (4 MIN/15 MIN-8 HR/DAY)	1.5	800	3.7	8.5	12.9	15.8	-	11,813
VERY HIGH RATE (CONTINUOUS)	1.0	1200	1.0	3.4	5.4	7.8	9.3	8,430

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

