Eveready Battery Company, Inc.
Checkerboard Square
St. Louis, MO 63164
Telephone: 1-800-383-7323
Internet: www.energizer.com

Engineering Data

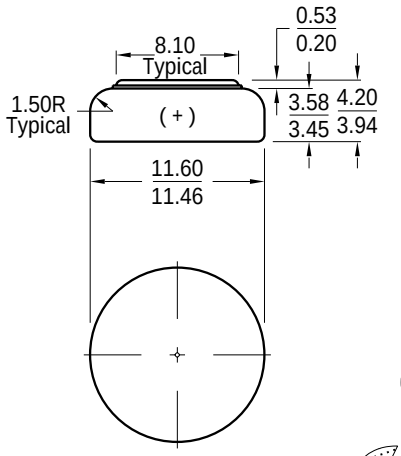
ENERGIZER NO. AC41E

DISCONTINUED

Chemical System: Zinc Air (ZnO_2)

Designation: ANSI / NEDA 7001Z, IEC-PR43
Battery Voltage: 1.4 Volts
Average Weight: 1.4 grams (0.05 oz.)
Volume: 0.5 cubic centimeters (0.03 cubic inch)
Average Service Capacity (to 0.9 Volt): 390 mAh
(Rated capacity at 1K ohms at 21°C)
Cell: AC41-P

Dimensions (mm)

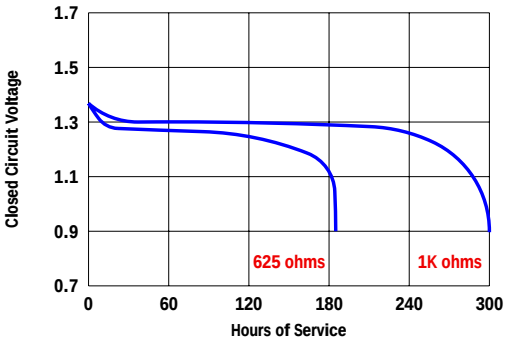


Millimeters	Inches
.20	.008
.53	.021
1.50	.059
3.45	.136
3.58	.141
3.94	.155
4.20	.165
8.10	.319
11.46	.451
11.60	.457

SIMULATED APPLICATION TESTS
Estimated Average Service at 21°C (70°F) and 50% RH

Schedule	Typical Drains @ 1.3V (milliamperes)	Load (ohms)	CUTOFF VOLTAGE 0.9V hours
16 hours / day	1.3	1,000	300
16 hours / day	2.1	625	185

TYPICAL DISCHARGE CHARACTERISTICS
Schedule: 16 hours/day
Typical Drain @ 1.3V: 2.1 & 1.3 milliamperes
Load: 625 ohms & 1K ohms



IMPEDANCE The typical impedance of these cells on open circuit and during useful discharge varies from 7-10 ohms. This applies over a frequency range of 40-5,000 hertz and at the current drains shown above.

IMPORTANT NOTICE

This data sheet contains information specific to batteries manufactured at time of its publication. Please contact your Energizer representative for most current information. Contents herein do not constitute a warranty.