



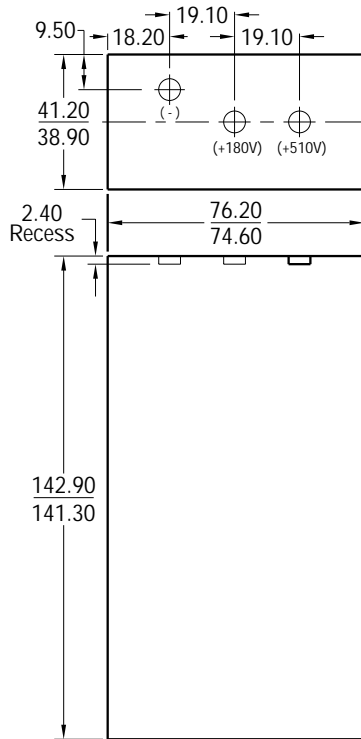
Eveready Battery Company, Inc.  
 Checkerboard Square  
 St. Louis, MO 63164  
 Telephone: 1-800-383-7323  
 Internet: www.energizer.com

## Engineering Data

### EVEREADY NO. 497

*Zinc Chloride 180V, 510V  
 No Added Mercury or Cadmium*

Dimensions (mm)



Millimeters	Inches
2.40	.094
6.40	.252
9.50	.374
18.20	.717
19.10	.752
38.90	1.531
41.20	1.622
74.60	2.937
76.20	3.000
141.30	5.563
142.90	5.626

NOTE:  
 3 HOLES 6.4 DIA.  
 GIVING ACCESS TO  
 FLAT TERMINALS

**Chemical System:** Zinc-Manganese Dioxide (Zn/MnO<sub>2</sub>)

**Designation:** ANSI-741, NEDA-336F20

**Battery Voltage:**

**Average Weight:** 780 grams (27.6 oz.)

**Volume:** 441 cubic centimeters (26.9 cubic inch)

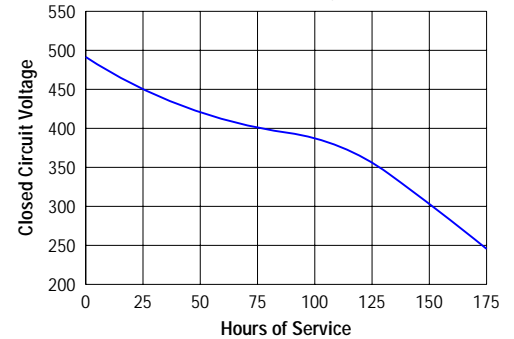
**Average Service Capacity ( to 0.8 Volt / cell ): 140 mAh**  
 ( Rated capacity at 25 mA continuous drain )

**Cells:** Three Hundred Thirty Six No. 112 in series

**Jacket:** Paper

#### TYPICAL DISCHARGE CHARACTERISTICS

Schedule: 4 hours/day  
**Typical Drain @ 400V:** 0.8 milliamperes  
 Load: 500,000 ohms



#### SIMULATED APPLICATION TESTS Estimated Average Service at 21°C (70°F)

Schedule	Typical Drains @ 400V (watt-second)	Load (ohms)	CUTOFF VOLTAGE	
			380V ( Two batteries in series )	seconds
Photoflash 1 second / minute 1 hour / day	100	Load for two No. 497 batteries in series is RC circuit utilizing 990 microfarad capacitor and 500 ohms resistor.	500	

#### 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.