



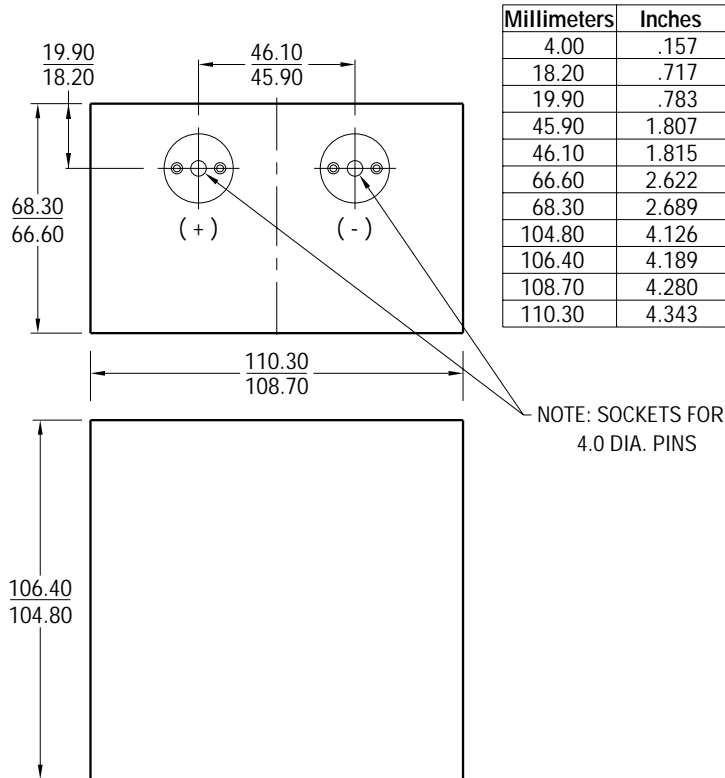
Eveready Battery Company, Inc.
 Checkerboard Square
 St. Louis, MO 63164
 Telephone: 1-800-383-7323
 Internet: www.energizer.com

Engineering Data

EVEREADY NO. 489

*Zinc Chloride 225V
 No Added Mercury or Cadmium*

Dimensions (mm)



Chemical System: Zinc-Manganese Dioxide (Zn/MnO₂)

Designation: ANSI-728, IEC-152F40

Battery Voltage: 225 Volts

Average Weight: 1.2 kilograms (42.5 oz.)

Volume: 800 cubic centimeters (48.8 cubic inch)

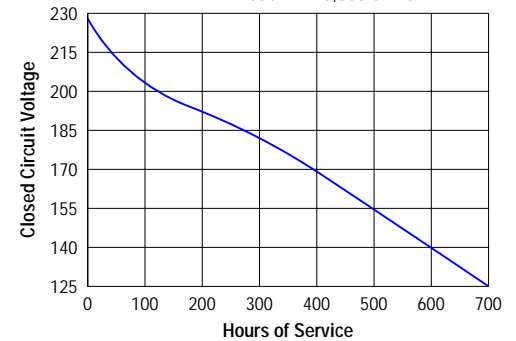
Average Service Capacity (to 0.8 Volt / cell): 550 mAh
 (Rated capacity at 25 mA continuous drain)

Cells: One Hundred Fifty Two No. 130 in series

Jacket: Paper

TYPICAL DISCHARGE CHARACTERISTICS

Schedule: 4 hours/day
 Typical Drain @ 180V: 0.8 milliamperes
 Load: 225,000 ohms



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

Schedule	Typical Drains @ 180V (watt-second)	Load (ohms)	CUTOFF VOLTAGE	
			380V (Two batteries in series)	seconds
Photoflash 1 second / minute 1 hour / day	100	Load for two No. 489 batteries in series is RC circuit utilizing 990 microfarad capacitor and 500 ohms resistor.	1,560	

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.