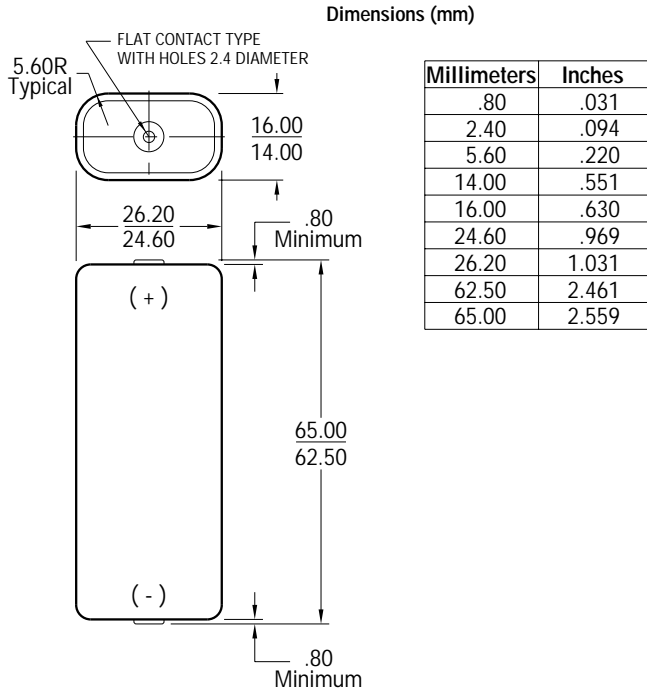


## Engineering Data

### EVEREADY NO. 413

*Zinc Chloride 30V  
 No Added Mercury or Cadmium*



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

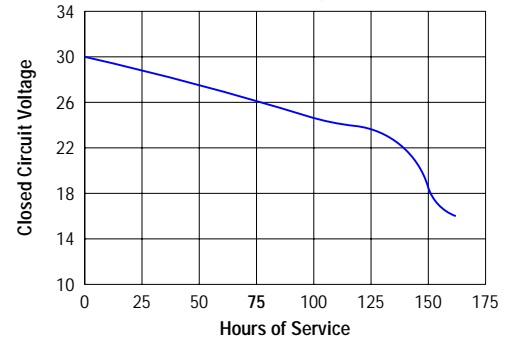
**Designation:** ANSI-210, IEC-20F20  
**Battery Voltage:** 30 Volts  
**Average Weight:** 48 grams (1.7 oz.)  
**Volume:** 27 cubic centimeters (1.6 cubic inch)  
**Average Service Capacity ( to 0.8 Volt / cell ):** 140 mAh  
 ( Rated capacity at 25 mA continuous drain )  
**Cells:** Twenty No. 112 in series  
**Jacket:** Metal

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

Schedule	Typical Drains @ 24V (milliamperes)	Load (ohms)	CUTOFF VOLTAGE					
			16V	18V	20V	22V	24V	26V
4 hours / day	0.8	30,000	162	151	147	138	115	77

**TYPICAL DISCHARGE CHARACTERISTICS**

Schedule: 4 hours/day  
 Typical Drain @ 24V: 0.8 milliamperes  
 Load: 30,000 ohms



**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.