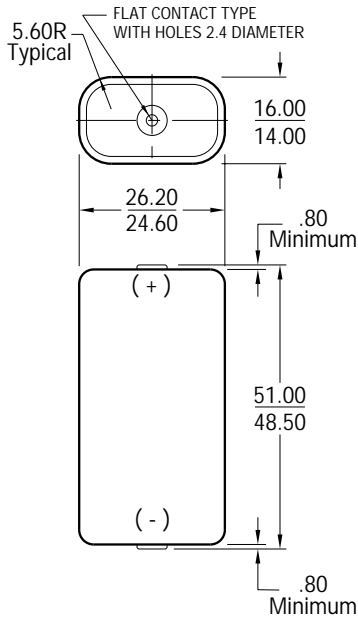


Engineering Data

EVEREADY NO. 412

*Zinc Chloride 22.5V
 No Added Mercury or Cadmium*

Dimensions (mm)



| Millimeters | Inches |
|-------------|--------|
| .80 | .031 |
| 2.40 | .094 |
| 5.60 | .220 |
| 14.00 | .551 |
| 16.00 | .630 |
| 24.60 | .969 |
| 26.20 | 1.031 |
| 48.50 | 1.909 |
| 51.00 | 2.008 |

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

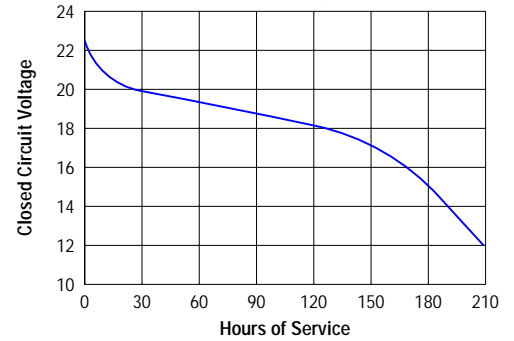
Designation: ANSI-215, IEC-15F20
Battery Voltage: 22.5 Volts
Average Weight: 38 grams (1.3 oz.)
Volume: 21 cubic centimeters (1.3 cubic inch)
Average Service Capacity (to 0.8 Volt / cell): 140 mAh
 (Rated capacity at 25 mA continuous drain)
Cells: Fifteen No. 112 in series
Jacket: Metal

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

| Schedule | Typical Drains @ 18V (milliamperes) | Load (ohms) | CUTOFF VOLTAGE | | | | | |
|---------------|---|----------------|----------------|-------|-----|-------|-----|-------|
| | | | 12V | 13.5V | 15V | 16.5V | 18V | 19.5V |
| 4 hours / day | 0.8 | 22,500 | 209 | 197 | 184 | 167 | 134 | 55 |

TYPICAL DISCHARGE CHARACTERISTICS

Schedule: 4 hours/day
 Typical Drain @ 18V: 0.8 milliamperes
 Load: 22,500 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.