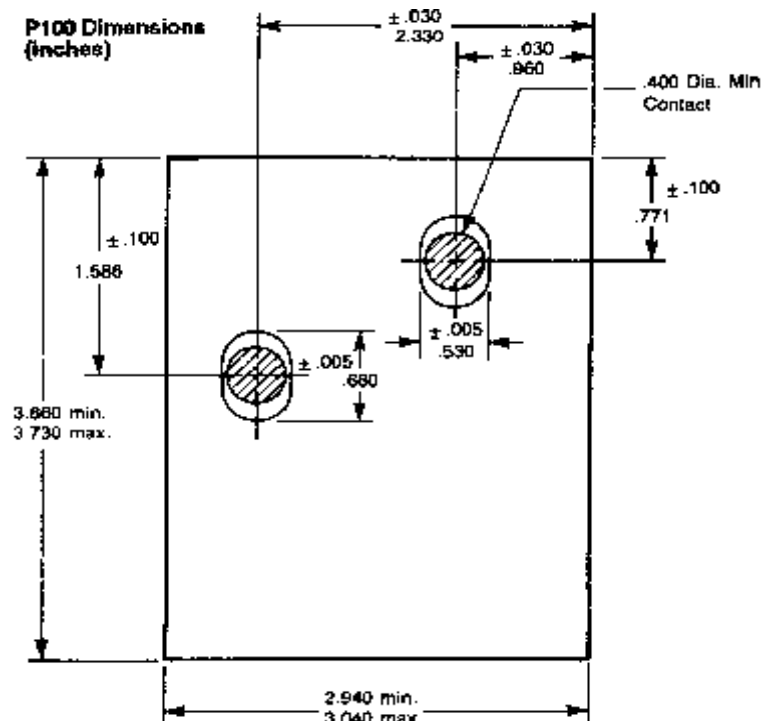


Polaroid P100 Polapulse Battery

Size: 3.73 in. x 3.04 in. x 0.185 in.
(9.47 cm x 7.72 cm. x 0.47 cm)

Weight: 0.95 oz. (27 grams)

Volume: 2.1 in³. (34.4 cm³.)



Typical Technical Characteristics of Polaroid Batteries

Voltage: 6 volts nominal, 6.3 volts typical open circuit voltage.

Use Temperature Range: 20°F to 130°F (-7°C to 54°C) (intermittent)

Storage: Lower temperature storage increases shelf life. Higher temperature decreases shelf life. Recommended storage: under 80°F (27°C)

High Discharge Current: 15 amps instantaneous, 8.5 amps after 30 sec., 4.5 amps after 60 sec. (through 0.1 ohm)

Continuous Discharge: at room temperature (constant current to 3.0 volts):

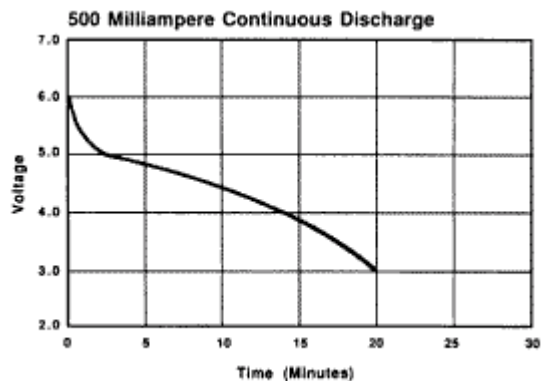
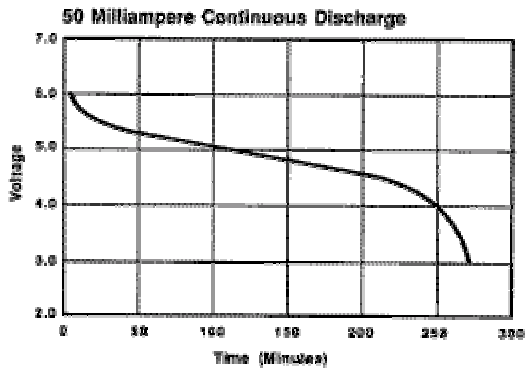
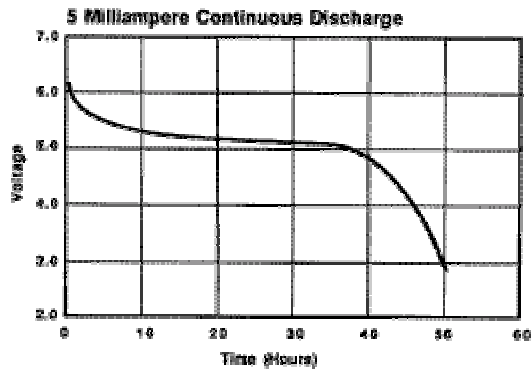
1 mA	264 hr.	264 mAH
5 mA	50 hr.	250 mAH
10 mA	23.7hr.	237 mAH
50mA	271 min.	225 mAH
100mA	130 min.	215 mAH
500mA	20.0 min.	165 mAH
1 Amp	7.6 min.	126 mAH
5 Amp	0.2 min.	16 mAH

Internal Resistance: 0.5 ohm at 5 amp drain

Impedance: Very low

Leak Resistant: No zinc can to perforate; unique seal

Not Normally Rechargeable: Primary cell designed for non-rechargeable applications. Under controlled conditions, successful multiple recharge cycles have been reported.



Typical Technical Characteristics of Polaroid Batteries

Discharge Curve: Typical zinc chloride "Heavy-Duty" Leclanche.

Operating Recommendations: No deleterious effects have been observed from evenly applied pressure, vacuum or acceleration normal to the flat surface.

Powerpacks: Batteries can be connected in series and/or parallel to achieve higher voltages, amperages or capacities. Connecting two or more Polapulse batteries in parallel often results in more capacity than the sum of the individual batteries would predict.

Call or write for technical assistance.

