

Alkaline

Order code	Manufacturer code	Description
18-0272	PC908	MN908/PC908 ALKALINE LANTERN BATTERY(RE)

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

DURACELL ALKALINE LANTERN BATTERY

ALKALINE MANGANESE - 6 VOLT LANTERN BATTERY – SIZE PC908

Chemical System

The alkaline system takes its name from the electrolyte which is a highly conductive aqueous solution of potassium hydroxide. The electrodes are high purity manganese dioxide and granulated zinc. This combination gives a superior, yet economic battery capable of operating efficiently at high as well as low rates and over a wide range of duty cycles.

Voltage Range

The normal operating voltage is 6V to 3.2V under most conditions of load and temperature. Maximum no load voltage is typically 6.32V. The recommended end voltage for operation at room temperature is 3.2V.

Load Current

The alkaline battery excels on continuous heavy loads. Alkaline cells can supply a few amps current under continuous discharge conditions. Higher currents can be achieved under intermittent discharge conditions. Life to specific end voltages is a complex variable primarily depending on load and temperature.

Environmental

The alkaline system operates efficiently between -30°C and $+70^{\circ}\text{C}$ subject to load and duty cycle regimes.

Storage Life

Duracell alkaline batteries may be stored for prolonged periods at room temperature without significant losses. Typical retained life is 85% after five years storage at 20°C . Short term exposure to temperatures above 45°C is permissible.

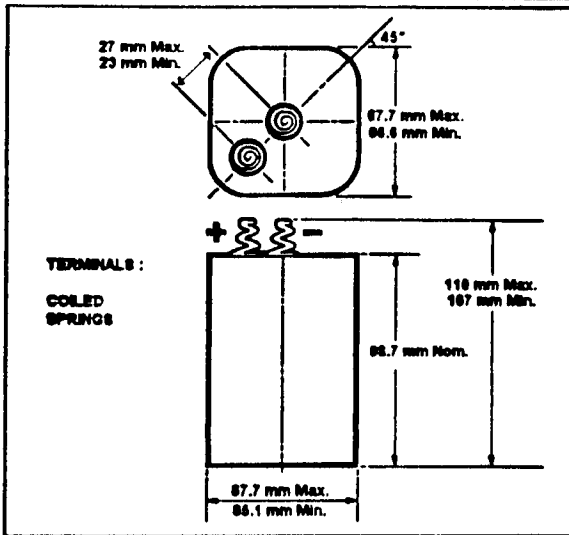
Battery Replacement

All cells in equipment should be replaced at the same time. Series cells in different states of discharge will eventually drive the weakest cell into reverse with progressive risk of leakage.

DURACELL®

SIZE PC908

Alkaline Manganese Dioxide Battery

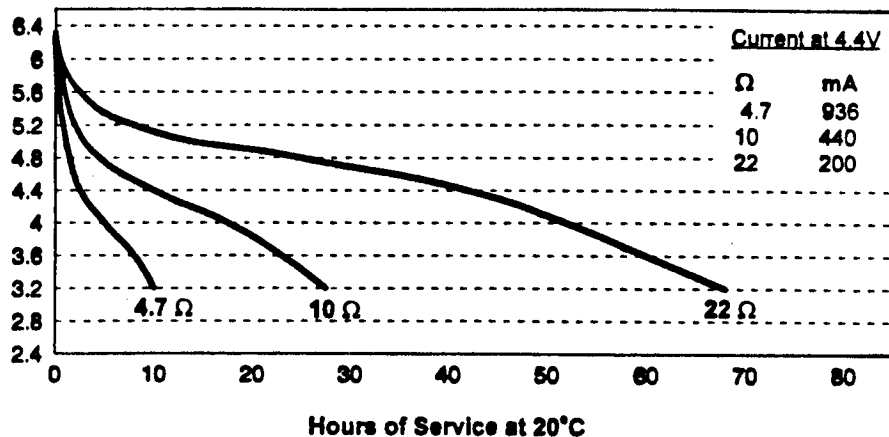


SPECIFICATIONS

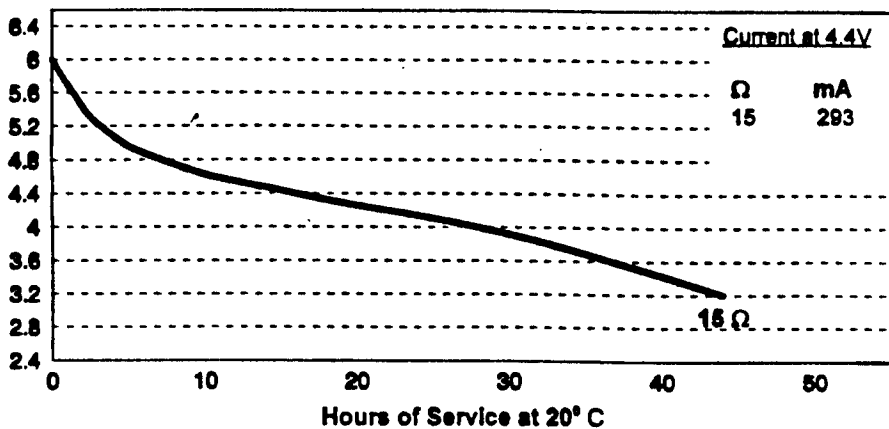
Min. No Load Voltage	6V
Min. On Load Voltage	5.4V on 12Ω at 200ms
Rated Capacity	13000mAh on 15 Ω to 3.2V
Min. Life	38.9Hrs on 15 Ω to 3.2V
Volume	487 cm ³
Weight	612 g

Typical Discharge Characteristics

Voltage



Voltage



DURACELL Batteries.

Issue 4G

To be read in conjunction with the General Information module
In line with its continuing development programme, Duracell reserves the right to alter specifications without prior notice