Specifications

Classification: Cylindrical Alkaline
Chemical System: Alkaline-Manganese Dioxide (Zn/MnO₂)
Designation: NEDEA- 1811A, IEC-3LR50
Nominal Voltage: 12V
Closed Circuit Voltage: 9.5V (min) (Load resistor 400Ω at 20°C for 0.1 s)
Operating Temp: -20°C to 54°C (-4°F to 130°F)
Storage Temp: 5°C to 30°C
Typical Weight: 7.98 g
Typical Volume: 2.3 cubic centimeters (.14 cubic inch)
Typical Impedance: 22 ohm @ 1kHz
Freshness Guarantee: 5 years @ 20°C

Dimensions shown are ANSI standards

TYPICAL DISCHARGE CHARACTERISTICS AT 21°C (70°F)

Voltage (V)

Service Hours

10K ohm = 0.96 mA
20K ohm = 0.52 mA
46K ohm = 0.22 mA

*Delivered capacity is dependent on the applied load, intermittent usage, operating temperature and cut off voltage. Please refer to the charts and discharge data for examples of energy/service life that the battery will provide for various conditions.

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