Rechargeable AAA-1000 (HR03)

**Specifications**

- **Classification:** ACCU Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Designation:** IEC-HR03
- **Nominal Voltage:** 1.2 Volts
- **Rated Capacity:** 1000 mAh (to 1.0 volts)
  - Based on 200 mA (0.2C) discharge rate
- **Typical Weight:** 12.0 grams
- **Typical Volume:** 3.8 cubic centimeters
- **Jacket:** Plastic Label

**Internal Resistance:**

The internal resistance of the cell varies with state of charge, as follows:

- **Cell Charged:** 100 milliohms
- **Cell 1/2 Discharged:** 120 milliohms
  - (tolerance of ±20% applies to above values)

**AC Impedance (No Load):**

The impedance of the charged cell varies with frequency, as follows:

- **Frequency (Hz):**
  - 1000
- **Impedance (milliohms):**
  - (Charged Cell) 35

Above values based on AC current set at 1.0 ampere.

Value tolerances are ±20%.

**Operating and Storage Temperatures:**

To maintain maximum performance, observe the following general guidelines regarding environmental conditions.

- **Charge:** 0°C to 40°C
- **Discharge:** 0°C to 50°C
- **Storage:** -20°C to 30°C
- **Humidity:** 65±20%

Operating at extreme temperatures will significantly impact battery cycle life.

**Important Notice**

This datasheet contains information specific to battery chargers manufactured at the time of its publication.

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