Rechargeable AA-2650 (HR6)

Specifications

- **Classification:** ACCU Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Designation:** IEC-HR6
- **Nominal Voltage:** 1.2 Volts
- **Rated Capacity:** 2650 mAh (to 1.0 volts)
  
  Based on 530 mA (0.2C) discharge rate

- **Typical Weight:** 30.0 grams
- **Typical Volume:** 8.3 cubic centimeters
- **Jacket:** Plastic Label

Internal Resistance:

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

- **Cell Charged:** 30 milliohms
- **Cell 1/2 Discharged:** 40 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
  - 0.0001

- **Impedance (milliohms):**
  - (Charged Cell) 12

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:** 0ºC to 40ºC
- **Discharge:** 0ºC to 50ºC
- **Storage:** -20ºC to 30ºC
- **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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