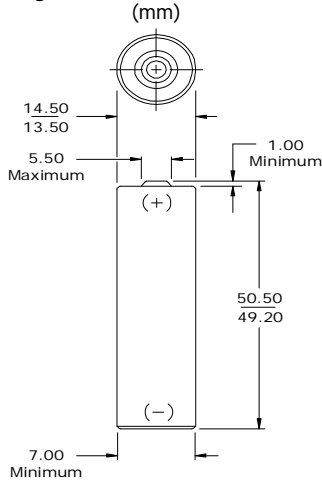


Rechargeable AA-2450 (HR6)

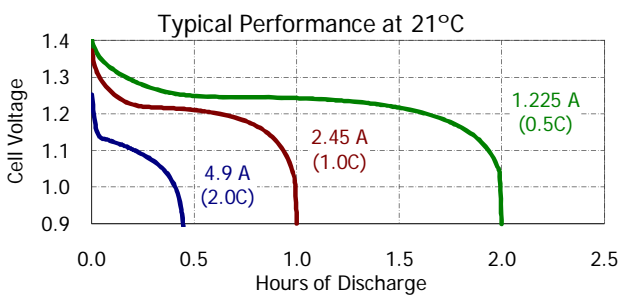
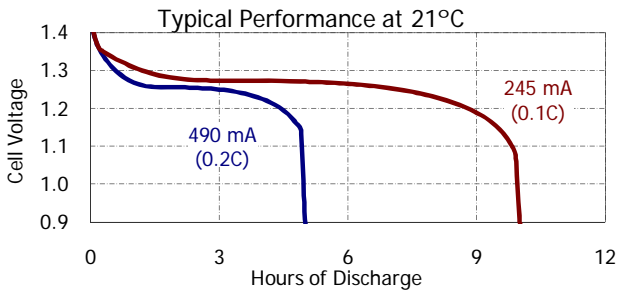
AA



Industry Standard Dimensions



Typical Discharge Characteristics



Specifications

| | |
|-------------------------|--|
| Classification: | ACCU Rechargeable |
| Chemical System: | Nickel-Metal Hydride (NiMH) |
| Designation: | IEC-HR6 |
| Nominal Voltage: | 1.2 Volts |
| Rated Capacity: | 2450 mAh (to 1.0 volts) Based on 490 mA (0.2C) discharge rate |
| Typical Weight: | 28.1 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:

| | |
|---|----------------------------|
| <u>Cell Charged</u> | <u>Cell 1/2 Discharged</u> |
| 30 milliohms | 40 milliohms |
| (tolerance of ±20% applies to above values) | |

AC Impedance (No Load):

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

| | |
|-----------------------|--|
| <u>Frequency (Hz)</u> | <u>Impedance (milliohms)</u> (Charged Cell) |
| 1000 | 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: 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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