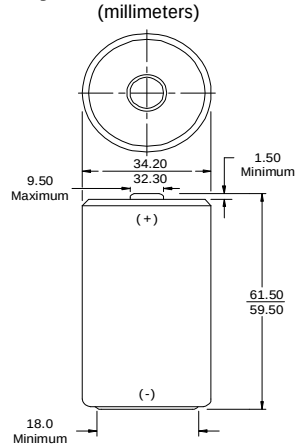


Rechargeable D-2500 (HR20)

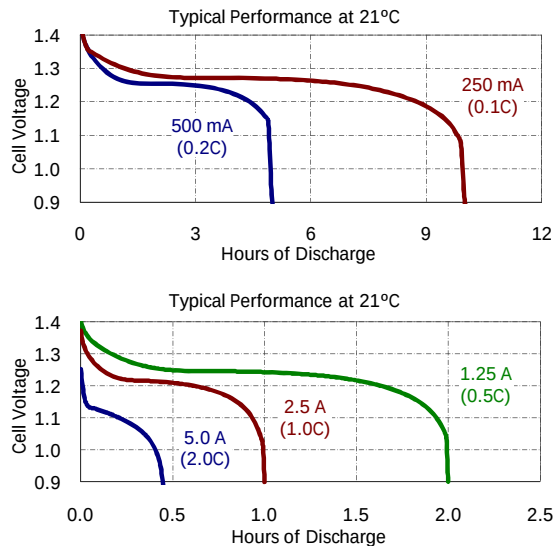
D



Industry Standard Dimensions



Typical Discharge Characteristics



Specifications

Classification:	ACCU Rechargeable
Chemical System:	Nickel-Metal Hydride (NiMH)
Designation:	IEC-HR20
Nominal Voltage:	1.2 Volts
Rated Capacity:	2500 mAh (to 1.0 volts) Based on 500 mA (0.2C) discharge rate
Typical Weight:	73.0 grams
Typical Volume:	56.5 cubic centimeters
Jacket:	Plastic Label

Internal Resistance:

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

Cell Charged	Cell 1/2 Discharged
11 milliohms	21 milliohms
(tolerance of $\pm 20\%$ applies to above values)	

AC Impedance (No Load):

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

Frequency (Hz)	Impedance (milliohms) (Charged Cell)
1000	9

Above values based on AC current set at 1.0 ampere.
Value tolerances are $\pm 20\%$.

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 $\pm$ 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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