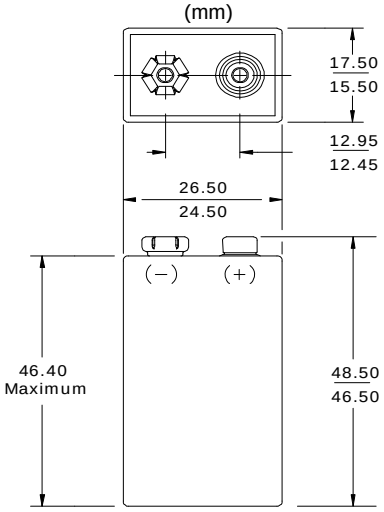
European Region
+ 44 (0) 208 920 2306
www.energizer.eu

Rechargeable 9V-175 (HR22)

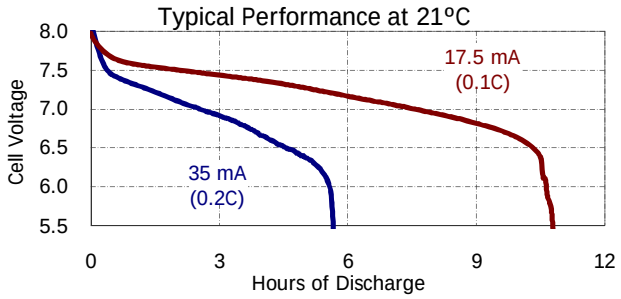
9V

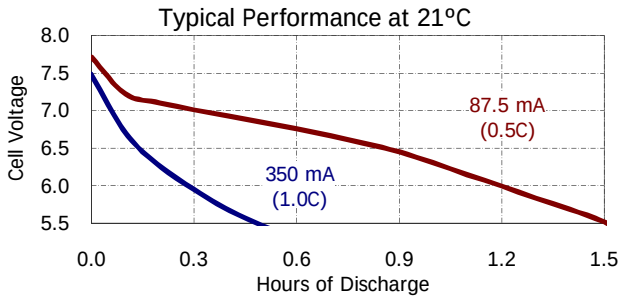
Industry Standard Dimensions

(mm)



Typical Discharge Characteristics





Specifications

Classification:	ACCU Rechargeable
Chemical System:	Nickel-Metal Hydride (NiMH)
Designation:	IEC-HR22
Nominal Voltage:	8.4 Volts
Rated Capacity:	175 mAh (to 1.0 volts) Based on 35 mA (0.2C) discharge rate
Typical Weight:	41.0 grams
Typical Volume:	21.7 cubic centimeters
Jacket:	Plastic

Internal Resistance:

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

Cell Charged	Cell 1/2 Discharged
1000 milliohms	1500 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)	Impedance (milliohms) (Charged Cell)
1000	950

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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