



Designation IEC:	HR 03
Size:.....	AAA
Nominal Voltage:.....	1.2 V
Rated Capacity:.....	800 mAh
Internal Resistance DC; fully charged:.....	105 mΩ
Impedance AC at 1 kHz; fully charged:.....	37 mΩ
Max. Discharge Current (continuous load / 0.8 V):.....	1.6 A

Typical Capacity at:	
0.2 C / 1.0 V:.....	800 mAh
1.0 C / 0.9 V:.....	760 mAh

Charge Retention:
75 % of initial capacity after one year storage at 20 °C; determined at 0.2 C discharge rate

Dimensions:	
Diameter a:.....	10.5^{-1.0} mm
Height b:.....	44.5^{-1.2} mm
Shoulder Height c:.....	43.7^{-1.2} mm
Cap Diameter d:.....	3.8^{-1.8} mm
Volume:.....	3.8 cm³
Weight (approx.):.....	13 g

Charge Conditions at:	
Standard Charge:.....	80 mA, 16 h
Fast Charge:.....	800 mA (-dV)
Trickle Charge (0.03 - 0.05 C):.....	24 - 40 mA

Temperatures (recommended / permissible) at:	
Storage:.....	-20 °C ... 25 °C / -20 °C ... 40 °C
Charge:.....	15 °C ... 30 °C / 0 °C ... 45 °C
Fast Charge:.....	15 °C ... 30 °C / 0 °C ... 40 °C
Discharge:.....	0 °C ... 40 °C / 0 °C ... 50 °C

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