


Designation IEC:
HR03

Size:.....

AAA

Nominal Voltage:.....

1.2 V

Rated Capacity:.....

800 mAh

Internal Resistance DC; fully charged:.....

70 mΩ

Impedance AC at 1 kHz; fully charged:.....

40 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:.....

720 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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