



Designation IEC:

HR 6

Size:..... AA
 Nominal Voltage:..... 1.2 V
 Rated Capacity:..... 1600 mAh
 Internal Resistance DC, fully charged:..... 48 mOhm
 Impedance AC at 1kHz, fully charged:..... 35 mOhm

Typical Capacity at:

0.2 C / 1.00 V:..... 1600 mAh
 1.0 C / 0.90 V:..... 1400 mAh
 Max Discharge Current (continuous / 0.8 V):..... 3.2 A

Charge Retention:

After one year 75% of initial capacity at 20° C determined at 0.2 C rate

Dimensions (including shrink sleeve/label):

Diameter a:..... 14.5 ^{-1.0} mm
 Height b:..... 50.5 ^{-1.3} mm
 Shoulder Height c:..... 49.5 ^{-1.3} mm
 Cap Diameter d:..... 5.5 ^{-1.3} mm
 Volume:..... 8 cm³
 Weight approx:..... 25 g

Charge Conditions at:

Standard Charge:..... 160 mA, 15 h
 Fast Charge:..... 1600 mA (-dV)
 Trickle Charge (0.03 - 0.05 C):..... 48 – 80 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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