


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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