



Designation IEC (Draft):

HR 6

Size:.....	AA
Nominal Voltage:.....	1.2 V
Rated Capacity:.....	800 mAh
Internal Resistance DC, fully charged:.....	120 mOhm
Impedance AC at 1kHz, fully charged:.....	40 mOhm

Typical Capacity at:

0.2 C / 1.00 V:.....	800 mAh
1.0 C / 0.90 V:.....	660 mAh
Max Discharge Current (continuous / 0.8 V):.....	1.6 A
Max Short Time Current (2 sec / 0.75 V):.....	2.7 A

Dimensions (including shrink sleeve/label):

Diameter a:.....	14.5 ^{-1.0} mm
Height b:.....	50.5 ^{-1.0} mm
Shoulder Height c:.....	48.3 ^{-1.0} mm
Cap Diameter d:.....	5.5 ^{-0.5} mm
Volume:.....	8 cm³
Weight approx:.....	16 g

Charge Conditions at:

Standard Charge:.....	80 mA, 15 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

Life Expectancy at Cycling, IEC 61951:

more than 500 cycles

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