



Designation IEC (Draft):

HR 6

Size:.....	AA
Nominal Voltage:.....	1.2 V
Rated Capacity:.....	2300 mAh
Internal Resistance DC, fully charged:.....	60 mOhm
Impedance AC at 1kHz, fully charged:.....	35 mOhm
0.2 C / 1.00 V:.....	2300 mAh
1.0 C / 0.90 V:.....	2100 mAh
Max Discharge Current (continuous / 0.8 V):.....	5.2 A
Max Short Time Current (2 sec / 0.75 V):.....	8.6 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^{-1.0} mm
Shoulder Height c:.....	48.3^{-1.0} mm
Cap Diameter d:.....	5.5^{-0.5} mm
Volume:.....	8 cm³
Weight approx:.....	31 g
Energy Density:.....	344 Wh/l
Specific Energy:.....	100 Wh/kg

Charge Conditions at:

Standard Charge:.....	230 mA, 16 h
Fast Charge:.....	2300 mA (-dV)
Trickle Charge (0.03 - 0.05 C):.....	69 – 115 mA

Temperatures (recommended / permissible) at:

Storage:.....	-20° C ... 25° C / -20° C ... 40°
Charge:.....	15° C ... 30° C / 0° C ... 45°
Fast Charge:.....	15° C ... 30° C / 0° C ... 40°
Discharge:.....	0° C ... 40° C / 0° C ... 50°

Life Expectancy at Cycling, IEC 61951:

more than 500

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