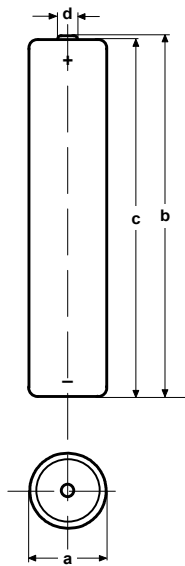


Data Sheet

Sealed rechargeable Ni-MH Cylindrical Cell / Ready2Use

56703



Designation IEC (Draft):	HR 03
Size:.....	AAA
Nominal Voltage:.....	1.20 V
Rated Capacity:.....	800 mAh
Internal Resistance DC, fully charged:.....	45 mOhm
Impedance AC at 1kHz, fully charged:.....	25 mOhm

Typical Capacity at:

0.2 C / 1.00 V:.....	800 mAh
1.0 C / 0.97 V:.....	720 mAh
Max Discharge Current (continuous / 0.8 V):.....	2400 mA

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:.....	10.5_{-1.0} mm
Height b:.....	44.5_{-1.0} mm
Shoulder Height c:.....	43.5_{-1.0} mm
Cap Diameter d:.....	3.8_{-0.5} mm
Volume:.....	3.5 cm³
Weight approx:.....	13 g
Energy Density:.....	274 Wh/l
Specific Energy:.....	74 Wh/kg

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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All data contained herein is for single cells.
For battery applications, performance data may vary from single cell data, depending on specific battery configuration.