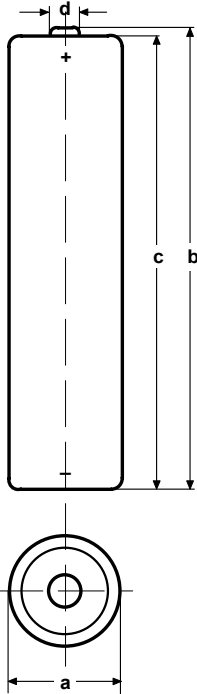


Data Sheet

Sealed rechargeable Ni-MH Cylindrical Cell (Consumer Version)



Designation IEC (Draft):

HR 6

Size:.....	AA
Nominal Voltage:.....	1.2 V
Rated Capacity:.....	2700 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:.....	2700 mAh
1.0 C / 0.97 V:.....	2300 mAh
Max Discharge Current (continuous / 0.8 V):.....	4800 mA
Max Short Time Current (2 sec / 0.75 V):.....	8000 mA

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:.....	8.1 cm ³
Weight approx:.....	31 g
Energy Density:.....	400 Wh/l
Specific Energy:.....	105 Wh/kg

Charge Conditions at:

Standard Charge:.....	270 mA, 16 h
Fast Charge:.....	2700 mA (-dV)
Trickle Charge (0.03 - 0.05 C):.....	81 - 135 mA

Temperatures (recommended / permissible) at:

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

Life Expectancy at Cycling:

more than 500 cycles

All data contained herein is for single cells.

For battery applications, performance data may vary from single cell data, depending on specific battery configuration.