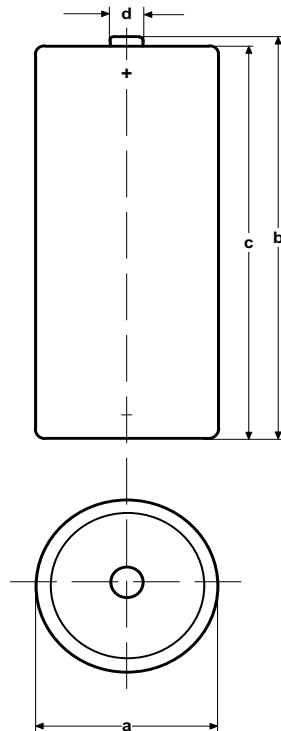


Data Sheet Sealed rechargeable Ni-MH Cylindrical Cell / Ready 2 Use 56714



Designation IEC (Draft):	HR 14
Size:.....	C
Nominal Voltage:.....	1.2 V
Rated Capacity:.....	3000 mAh
Internal Resistance DC, fully charged:.....	40 mOhm
Impedance AC at 1kHz, fully charged:.....	30 mOhm

Typical Capacity at:	
0.2 C / 1.00 V:.....	3000 mAh
1.0 C / 0.97 V:.....	2850 mAh
Max Discharge Current (continuous / 0.8 V):.....	7,5 A
Max Short Time Current (2 sec / 0.75 V):.....	15 A

Dimensions (including shrink sleeve/label):	
Diameter a:.....	26.2 ^{-1.3} mm
Height b:.....	50.0 ^{-1.4} mm
Shoulder Height c:.....	48.5 ^{-1.0} mm
Cap Diameter d:.....	7.5 ^{-0.5} mm
Volume:.....	26 cm³
Weight approx:.....	67 g
Energy Density:.....	139 Wh/l
Specific Energy:.....	54 Wh/kg

Charge Conditions at:	
Standard Charge:.....	300 mA, 16 h
Fast Charge:.....	3000 mA (-dV)
Trickle Charge (0.03 - 0.05 C):.....	90 - 150 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, 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.