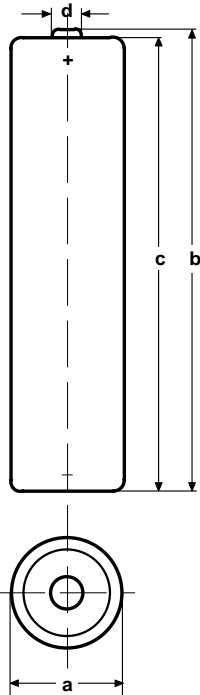


Data Sheet

Sealed rechargeable Ni-MH Cylindrical Cell / Ready2Use



Designation IEC (Draft):

HR 6

| | |
|---|----------|
| Size:..... | AA |
| Nominal Voltage:..... | 1.2 V |
| Rated Capacity:..... | 2100 mAh |
| Internal Resistance DC, fully charged:..... | 45 mOhm |
| Impedance AC at 1kHz, fully charged:..... | 36 mOhm |

Typical Capacity at:

| | |
|--|----------|
| 0.2 C / 1.00 V:..... | 2100 mAh |
| 1.0 C / 0.90 V:..... | 1900 mAh |
| Max Discharge Current (continuous / 0.8 V):..... | 4.8 A |
| Max Short Time Current (2 sec / 0.75 V):..... | 8.0 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 cm ³ |
| Weight approx:..... | | 28 g |
| Energy Density:..... | | 315 Wh/l |
| Specific Energy:..... | | 90 Wh/kg |

Charge Conditions at:

| | |
|--------------------------------------|---------------|
| Standard Charge:..... | 210 mA, 16 h |
| Fast Charge:..... | 2100 mA (-dV) |
| Trickle Charge (0.03 - 0.05 C):..... | 63 – 105 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 300 cycles