



Designation IEC:

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**

0.2 C / 1.00 V:..... **2100 mAh**
1.0 C / 0.90 V:..... **1900 mAh**
Max Discharge Current (continuous / 0.8 V):..... **4.2 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 ^{-1.3} mm**
Shoulder Height c:..... **49.5 ^{-1.3} mm**
Cap Diameter d:..... **5.5 ^{-0.5} mm**
Volume:..... **8 cm³**
Weight approx:..... **29 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°**
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°**

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