



**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 <sup>-1.0</sup> mm  
 Height b:..... 50.5 <sup>-1.3</sup> mm  
 Shoulder Height c:..... 49.5 <sup>-1.3</sup> mm  
 Cap Diameter d:..... 5.5 <sup>-0.5</sup> mm  
 Volume:..... 8 cm<sup>3</sup>  
 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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