



**Designation IEC:**

HR 6

Size:..... AA  
Nominal Voltage:..... 1.2 V  
Rated Capacity:..... 2400 mAh  
Internal Resistance DC, fully charged:..... 60 mOhm  
Impedance AC at 1kHz, fully charged:..... 35 mOhm

0.2 C / 1.00 V:..... 2400 mAh  
1.0 C / 0.90 V:..... 2200 mAh  
Max Discharge Current (continuous / 0.8 V):..... 4.8 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>-1.3</sup> mm  
Volume:..... 8 cm<sup>3</sup>  
Weight approx:..... 31 g  
Energy Density:..... 344 Wh/l  
Specific Energy:..... 100 Wh/kg

**Charge Conditions at:**

Standard Charge:..... 240 mA, 16 h  
Fast Charge:..... 2400 mA ( -dV )  
Trickle Charge (0.03 - 0.05 C):..... 72 – 120 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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