



**Designation IEC:**

**HR9V**

Size:..... **9 V Block**  
 Nominal Voltage:..... **8.4 V**  
 Rated Capacity:..... **200 mAh**  
 Internal Resistance DC, fully charged:..... **2 Ohm**  
 Impedance AC at 1kHz, fully charged:..... **1,5 Ohm**

**Typical Capacity at:**

0.2 C / 7.0 V:..... **200 mAh**  
 1.0 C / 6.3 V:..... **170 mAh**

**Charge Retention:**

After one year 75% of initial capacity at 20° C determined at 0.2 C rate

**Dimensions (including shrink sleeve/label):**

Length l:..... **48.5<sub>-2.0</sub> mm**  
 Height h:..... **17.5<sub>-2.0</sub> mm**  
 Width w:..... **26.5<sub>-2.0</sub> mm**  
 Volume:..... **19 cm<sup>3</sup>**  
 Weight approx:..... **36 g**  
 Energy Density:..... **92 Wh/l**  
 Specific Energy:..... **44 Wh/kg**

**Charge Conditions at:**

Standard Charge:..... **20 mA, 16 h**  
 Trickle Charge (0.03 - 0.05 C):..... **6 - 10 mA**

**Temperatures (recommended / permissible) at:**

Storage:..... **-20° C ... 25° C / -20° C ... 40° C**  
 Charge:..... **15° C ... 30° C / 0° C ... 45° C**  
 Discharge:..... **0° C ... 40° C / 0° C ... 50° C**

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