



**Designation IEC (Draft):**

**HR 6**

Size:.....	<b>AA</b>
Nominal Voltage:.....	<b>1.2 V</b>
Rated Capacity:.....	<b>800 mAh</b>
Internal Resistance DC, fully charged:.....	<b>120 mOhm</b>
Impedance AC at 1kHz, fully charged:.....	<b>40 mOhm</b>

**Typical Capacity at:**

0.2 C / 1.00 V:.....	<b>800 mAh</b>
1.0 C / 0.90 V:.....	<b>660 mAh</b>
Max Discharge Current (continuous / 0.8 V):.....	<b>1.6 A</b>
Max Short Time Current (2 sec / 0.75 V):.....	<b>2.7 A</b>

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

Diameter a:.....	<b>14.5 <sup>-1.0</sup> mm</b>
Height b:.....	<b>50.5 <sup>-1.0</sup> mm</b>
Shoulder Height c:.....	<b>48.3 <sup>-1.0</sup> mm</b>
Cap Diameter d:.....	<b>5.5 <sup>-0.5</sup> mm</b>
Volume:.....	<b>8 cm<sup>3</sup></b>
Weight approx:.....	<b>16 g</b>

**Charge Conditions at:**

Standard Charge:.....	<b>80 mA, 15 h</b>
Fast Charge:.....	<b>800 mA ( -dV )</b>
Trickle Charge (0.03 - 0.05 C):.....	<b>24 – 40 mA</b>

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

Storage:.....	<b>-20° C ... 25° C / -20° C ... 40° C</b>
Charge:.....	<b>15° C ... 30° C / 0° C ... 45° C</b>
Fast Charge:.....	<b>15° C ... 30° C / 0° C ... 40° C</b>
Discharge:.....	<b>0° C ... 40° C / 0° C ... 50° C</b>

**Life Expectancy at Cycling, IEC 61951:**

**more than 500 cycles**

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