



<b>Designation IEC (Draft):</b> .....	<b>HR 03</b>
Size:.....	<b>AAA</b>
Nominal Voltage:.....	<b>1.2 V</b>
Rated Capacity:.....	<b>550 mAh</b>
Internal Resistance DC, fully charged:.....	<b>90 mOhm</b>
Impedance AC at 1kHz, fully charged:.....	<b>45 mOhm</b>

**Typical Capacity at:**

0.2 C / 1.00 V:.....	<b>550 mAh</b>
1.0 C / 0.97 V:.....	<b>500 mAh</b>
Max Discharge Current ( continuous / 0.8 V ):.....	<b>1.65 A</b>

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

Diameter	<b>a:</b> .....	<b>10.5<sup>-1.0</sup> mm</b>
Height	<b>b:</b> .....	<b>44.5<sup>-1.2</sup> mm</b>
Cap Diameter	<b>d:</b> .....	<b>3.8<sup>-1.8</sup> mm</b>
Volume:.....		<b>3.7 cm<sup>3</sup></b>
Weight, approx:.....		<b>11 g</b>

**Charge Conditions at:**

Standard Charge:.....	<b>55 mA, 16 h</b>
Fast Charge:.....	<b>550 mA ( -dV )</b>
Trickle Charge (0.03-0.05 C):.....	<b>16,5 – 27,5 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 ... 40°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>

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