



<b>Designation IEC:</b>	<b>HR 6</b>
Size:.....	<b>AA</b>
Nominal Voltage:.....	<b>1.2 V</b>
Rated Capacity:.....	<b>1600 mAh</b>
Internal Resistance DC; fully charged:.....	<b>44 mΩ</b>
Impedance AC at 1 kHz; fully charged:.....	<b>36 mΩ</b>
Max. Discharge Current (continuous load / 0.8 V):.....	<b>3.2 A</b>

<b>Typical Capacity at:</b>	
0.2 C / 1.0 V:.....	<b>1600 mAh</b>
1.0 C / 0.9 V:.....	<b>1520 mAh</b>

<b>Dimensions:</b>	
Diameter a:.....	<b>14.5<sup>-1.0</sup> mm</b>
Height b:.....	<b>50.5<sup>-1.3</sup> mm</b>
Shoulder Height c:.....	<b>49.5<sup>-1.3</sup> mm</b>
Cap Diameter d:.....	<b>5.5<sup>-1.3</sup> mm</b>
Volume:.....	<b>8 cm<sup>3</sup></b>
Weight (approx.):.....	<b>29 g</b>

<b>Charge Conditions at:</b>	
Standard Charge:.....	<b>160 mA, 16 h</b>
Fast Charge:.....	<b>1600 mA (-dV)</b>
Trickle Charge (0.03 - 0.05 C):.....	<b>48 - 80 mA</b>

<b>Temperatures (recommended / permissible) at:</b>	
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>

**No publication or circulation of data to third parties without consent of VARTA Consumer Batteries**