



**Designation IEC:**

**HR 14**

Size:.....	<b>C</b>
Nominal Voltage:.....	<b>1.2 V</b>
Rated Capacity:.....	<b>3000 mAh</b>
Internal Resistance DC, fully charged:.....	<b>40 mOhm</b>
Impedance AC at 1kHz, fully charged:.....	<b>30 mOhm</b>

**Typical Capacity at:**

0.2 C / 1.00 V:.....	<b>3000 mAh</b>
1.0 C / 0.97 V:.....	<b>2850 mAh</b>
Max Discharge Current (continuous / 0.8 V):.....	<b>6.0 A</b>

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

Diameter a:.....	<b>26.2</b>	<b>-1.3 mm</b>
Height b:.....	<b>50.0</b>	<b>-1.4 mm</b>
Shoulder Height c:.....	<b>48.5</b>	<b>-1.0 mm</b>
Cap Diameter d:.....	<b>7.5</b>	<b>-0.5 mm</b>
Volume:.....	<b>26</b>	<b>cm<sup>3</sup></b>
Weight approx:.....	<b>66</b>	<b>g</b>
Energy Density:.....	<b>139</b>	<b>Wh/l</b>
Specific Energy:.....	<b>54</b>	<b>Wh/kg</b>

**Charge Conditions at:**

Standard Charge:.....	<b>300 mA, 16 h</b>
Fast Charge:.....	<b>3000 mA (-dV)</b>
Trickle Charge (0.03 - 0.05 C):.....	<b>90 - 150 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>

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