


Designation IEC:
HR 14

Size:..... **C**
 Nominal Voltage:..... **1.2 V**
 Rated Capacity:..... **3000 mAh**
 Internal Resistance DC; fully charged:..... **40 mΩ**
 Impedance AC at 1 kHz; fully charged:..... **30 mΩ**
 Max. Discharge Current (continuous load / 0.8 V):..... **6.0 A**

Typical Capacity at:

0.2 C / 1.0 V:..... **3000 mAh**
 1.0 C / 0.9 V:..... **2850 mAh**

Charge Retention:

75 % of initial capacity after one year storage at 20 °C; determined at
 0.2 C discharge rate

Dimensions:

Diameter a:..... **26.2 ^{+1.3}_{-1.3} mm**
 Height b:..... **50.0 ^{+1.4}_{-1.4} mm**
 Shoulder Height c:..... **48.5 ^{+1.4}_{-1.4} mm**
 Cap Diameter d:..... **7.5 ^{+2.0}_{-2.0} mm**
 Volume:..... **26 cm³**
 Weight (approx.):..... **62 g**

Charge Conditions at:

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

Temperatures (recommended / permissible) at:

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

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