



Designation IEC:

HR 14

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

Typical Capacity at:

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

Dimensions (including shrink sleeve/label):

Diameter a:..... **26.2 $\pm$ 1.3 mm**
Height b:..... **50.0 $\pm$ 1.4 mm**
Shoulder Height c:..... **48.5 $\pm$ 1.4 mm**
Cap Diameter d:..... **7.5 $\pm$ 2.0 mm**
Volume:..... **26 cm³**
Weight approx:..... **62 g**
Energy Density:..... **139 Wh/l**
Specific Energy:..... **54 Wh/kg**

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**

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