



**Designation IEC:**

HR 6

Size:..... AA

Nominal Voltage:..... 1.2 V

Rated Capacity:..... 2500 mAh

Internal Resistance DC, fully charged:..... 45 mOhm

Impedance AC at 1kHz, fully charged:..... 40 mOhm

**Typical Capacity at:**

0.2 C / 1.00 V:..... 2500 mAh

1.0 C / 0.97 V:..... 2000 mAh

Max Discharge Current (continuous / 0.8 V):..... 5.0 A

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

Diameter a:..... 14.5 <sup>-1.0</sup> mm

Height b:..... 50.5 <sup>-1.0</sup> mm

Shoulder Height c:..... 48.3 <sup>-1.0</sup> mm

Cap Diameter d:..... 5.5 <sup>-0.5</sup> mm

Volume:..... 8.1 cm<sup>3</sup>

Weight approx:..... 30 g

Energy Density:..... 370 Wh/l

Specific Energy:..... 114 Wh/kg

**Charge Conditions at:**

Standard Charge:..... 250 mA, 16 h

Fast Charge:..... 2500 mA ( -dV )

Trickle Charge (0.03 - 0.05 C):..... 75 – 125 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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