



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 ^{-1.0} mm
 Height b:..... 50.5 ^{-1.0} mm
 Shoulder Height c:..... 48.3 ^{-1.0} mm
 Cap Diameter d:..... 5.5 ^{-0.5} mm
 Volume:..... 8.1 cm³
 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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