



Designation IEC:

HR 6

Size: AA
Nominal Voltage: 1.2 V
Rated Capacity: 2300 mAh
Internal Resistance DC, fully charged: 60 mOhm
Impedance AC at 1kHz, fully charged: 35 mOhm

0.2 C / 1.00 V: 2300 mAh
1.0 C / 0.90 V: 2100 mAh
Max Discharge Current (continuous / 0.8 V): 4.6 A

Charge Retention:

After one year 75% of initial capacity at 20° C determined at 0.2 C rate

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 cm³
Weight approx: 30 g
Energy Density: 344 Wh/l
Specific Energy: 100 Wh/kg

Charge Conditions at:

Standard Charge: 230 mA, 16 h
Fast Charge: 2300 mA (-dV)
Trickle Charge (0.03 - 0.05 C): 69 – 115 mA

Temperatures (recommended / permissible) at:

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

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