



Designation IEC:

HR20

Size:.....	D
Nominal Voltage:.....	1.2 V
Rated Capacity:.....	3000 mAh
Internal Resistance DC; fully charged:.....	40 mΩ
Impedance AC at 1 kHz; fully charged:.....	25 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:.....	2700 mAh

Charge Retention:

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

Dimensions:

Diameter a:.....	34.2^{-1.9} mm
Height b:.....	61.5^{-2.0} mm
Shoulder Height c:.....	60.0^{-2.0} mm
Cap Diameter d:.....	9.5^{-1.7} mm
Volume:.....	55 cm³
Weight (approx.):.....	70 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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