



Designation IEC (Draft):	HR 03
Size:.....	AAA
Nominal Voltage:.....	1.2 V
Rated Capacity:.....	550 mAh
Internal Resistance DC, fully charged:.....	90 mOhm
Impedance AC at 1kHz, fully charged:.....	45 mOhm

Typical Capacity at:

0.2 C / 1.00 V:.....	550 mAh
1.0 C / 0.97 V:.....	500 mAh
Max Discharge Current (continuous / 0.8 V):.....	1.65 A

Dimensions (including shrink sleeve/label):

Diameter	a:	10.5^{-1.0} mm
Height	b:	44.5^{-1.2} mm
Cap Diameter	d:	3.8^{-1.8} mm
Volume:.....		3.7 cm³
Weight, approx:.....		11 g

Charge Conditions at:

Standard Charge:.....	55 mA, 16 h
Fast Charge:.....	550 mA (-dV)
Trickle Charge (0.03-0.05 C):.....	16,5 – 27,5 mA

Temperatures (recommended / permissible) at:

Storage:.....	20°C ... 25°C / -20°C ... 40°C
Charge:.....	15°C ... 30°C / 0°C ... 40°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