



Designation IEC:

HR 03

| | |
|---|----------------|
| Size:..... | AAA |
| Nominal Voltage:..... | 1.20 V |
| Rated Capacity:..... | 800 mAh |
| Internal Resistance DC, fully charged:..... | 45 mOhm |
| Impedance AC at 1kHz, fully charged:..... | 25 mOhm |

Typical Capacity at:

| | |
|--|----------------|
| 0.2 C / 1.00 V:..... | 800 mAh |
| 1.0 C / 0.97 V:..... | 720 mAh |
| Max Discharge Current (continuous / 0.8 V):..... | 1.6 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:..... | 10.5_{-1.0} mm |
| Height | b:..... | 44.5_{-1.2} mm |
| Shoulder Height | c:..... | 43.7_{-1.2} mm |
| Cap Diameter | d:..... | 3.8_{-1.8} mm |
| Volume:..... | | 3.5 cm³ |
| Weight approx:..... | | 12 g |
| Energy Density:..... | | 274 Wh/l |
| Specific Energy:..... | | 74 Wh/kg |

Charge Conditions at:

| | |
|--------------------------------------|---------------------|
| Standard Charge:..... | 80 mA, 15 h |
| Fast Charge:..... | 800 mA (-dV) |
| Trickle Charge (0.03 - 0.05 C):..... | 24 – 40 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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