Data Sheet 1)

Type Number: 55625
System: Nickel Metal Hydride/KOH Electrolyte
Nominal Voltage [V]: 1.2
Nominal Capacity C [mAh]: 240
Typical Capacity C [mAh]: 250
  at 48 mA / 1.00 V
Weight, approx. [g]: 10
Dimensions [mm]:
  Diameter [d]: 24.95  25.1
  Height [h]: 6.1   6.7
UL Recognition: MH 13654 (N)
Coding: Manufacturing 5 digit code
  (123 = day/4 = year/5 = version)
Temperature Ranges [°C] min. max.
  Storage: less than 30 days -40  65
  Discharge: -20  65
  Charge: 0  65
Charging Method:
  Normal Charging: 24 mA for 14 – 16 h
  Accelerated Charging (20°C): 48 mA for 7-8 h
  Fast Charging: 120 mA for 3 h *
    Time controlled, voltage control recommended
Trickle Charging: 7.2 mA
Overcharge (20°C): 24 mA continuous
  48 mA up to 1 year
Charge Retention [%] at 20°C:
  Capacity available after 1 month Storage at 20°C 90
Internal Resistance [Ohm]: 0.46
  at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)
Impedance [Ohm]: 0.07
  at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)
Typical Capacities [mAh]:
  at 240 mA / 0.90 V 150
Max. Discharge Current (cont.) [mA]: 480
Life Expectancy (typical):
  IEC Cycle: 1000 Cycles
  Trickle Charge: up to 6 years (20°C)
  Trickle Charge: up to 3 years (45°C)

* for fully discharged cells, 20 °C
Capacities based on normal charging
1) Prior to use read Rechargeable NiMH Button Cell handbook @ www.varta-microbattery.com