Type Number: 55960
System: Nickel Metal Hydride/KOH Electrolyte
Nominal Voltage [V]: 1.2
Nominal Capacity C [mAh]: 580
Typical Capacity C [mAh]: 600
   at 116 mA / 1.00 V
Weight, approx. [g]: 14.5
Dimensions [mm]:
   min.   max.
   Length [l]: 23.9  24.1
   Width Facing [w]: 33.9  34.1
   Height [h]: 6.3  6.8
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: 58 mA for 14 – 16 h
   Accelerated Charging (20°C): 175 mA for 4 h
      Time controlled, voltage control recommended
   Fast Charging (20°C): 580 mA for h *
   Trickle Charging: 5.8 mA
   Overcharge (20°C): 17.5 mA up to 12 months
                        58 mA up to 6 months
Charge Retention [%] at 20°C: 80
   Capacity available after 1 month Storage at 20°C
Internal Resistance [Ohm]: 0.1
   at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)
Impedance [Ohm]: 0.015
   at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)
Typical Capacities [mAh]:
   at 580 mA / 0.9 V 560
   at 1.74 A / 0.9 V 520
Max. Discharge Current (cont.) [mA]: 3000
Life Expectancy (typical):
   IEC Cycle: 1000 Cycles (IEC 61951-2)
   Trickle Charge: up to 5 years (20°C)

* (-dv=5-10 mV/ cell; dT/ dt=0.7°C/min)
Capacities based on normal charging
1) Prior to use read Rechargeable NiMH Button Cell handbook @ www.varta-microbattery.com