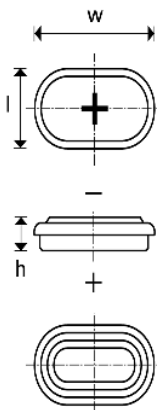


Data Sheet ^{1.)}

Type Number:	55960	
Sytem:	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