

Data Sheet ^{1.)}

Type Number:	55860	
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	85
Discharge:	-20	85
Charge:	0	85

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

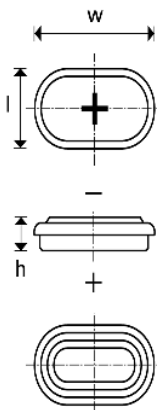
Internal Resistance [Ohm]:	0.1
	at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)

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
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Life Expectancy (typical):	
IEC Cycle:	1000 Cycles (IEC 61951-2)
Trickle Charge:	up to 5 years (20°C)
Trickle Charge:	up to 3 years (45°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