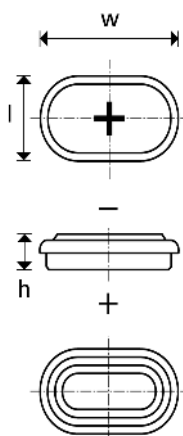


Data Sheet ^{1.)}

Type Number:	55716	
Sytem:	Nickel Metal Hydride/ KOH Electrolyte	
Nominal Voltage [V]:	1.2	
Nominal Capacity C [mAh]:	140	
Typical Capacity C [mAh]:	150	
	at 28 mA / 1.00 V	
Weight, approx. [g]	6	
Dimensions [mm]:	min.	max.
Length [l]:	13.9	14.1
Width Facing [w]:	25.4	25.6
Height [h]:	5.6	5.85



UL Recognition:	MH13654
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:	14 mA for 14 – 16 h
Accelerated Charging:	28 mA for 7-8 h
Fast Charging:	70 mA for 2.5h
	Time controlled, voltage control recommended
Trickle Charging:	4.2 mA

Overcharge (20°C):	14 mA continuous 28 mA up to 1 year
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Charge Retention [%] at 20°C:	90
	Capacity available after 1 month Storage at 20°C

Internal Resistance [Ohm]:	0.8
	at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)

Impedance [Ohm]:	0.13
	at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)

Typical Capacities [mAh]:	
	at 140 mA / 0.9V
	88

Max. Discharge Current (cont.) [mA]:	280
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Life Expectancy (typical):	
IEC Cycle:	1000 Cycles
Trickle Charge:	up to 6 years (20°C) up to 3 years (45°C)

Capacities based on normal charging

^{1.)} Prior to use read Rechargeable NiMH Button Cell handbook @ www.varta-microbattery.com