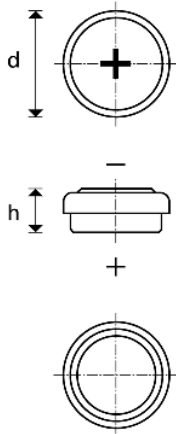


Data Sheet <sup>1.)</sup>

<b>Type Number:</b>	55630	
<b>System:</b>	Nickel Metal Hydride/ KOH Electrolyte	
<b>Nominal Voltage [V]:</b>	1.2	
<b>Nominal Capacity C [mAh]:</b>	280	
<b>Typical Capacity C [mAh]:</b>	300	
	at 56 mA / 1.00 V	
<b>Weight, approx. [g]</b>	11	
<b>Dimensions [mm]:</b>	<b>min.</b>	<b>max.</b>
<b>Diameter [d]:</b>	24.95	25.1
<b>Height [h]:</b>	6.95	7.55



<b>UL Recognition:</b>	MH 13654 (N)	
<b>Coding:</b>	Manufacturing 5 digit code (123 = day/4 = year/ 5 = version)	
<b>Temperature Ranges [°C]</b>	<b>min.</b>	<b>max.</b>
<b>Storage:</b> less than 30 days	-40	65
<b>Discharge:</b>	-20	65
<b>Charge:</b>	0	65
<b>Charging Method:</b>		
<b>Normal Charging:</b>	28 mA for 14 – 16 h	
<b>Accelerated Charging (20°C):</b>	56 mA for 7-8 h	
<b>Fast Charging:</b>	140 mA for 3 h *	
	Time controlled, voltage control recommended	
<b>Trickle Charging:</b>	8.4 mA	
<b>Overcharge (20°C):</b>	28 mA continuous 56 mA up to 1 year	
<b>Charge Retention [%] at 20°C:</b>	90	
	Capacity available after 1 month Storage at 20°C	
<b>Internal Resistance [Ohm]:</b>	0.47	
	at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)	
<b>Impedance [Ohm]:</b>	0.08	
	at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)	
<b>Typical Capacities [mAh]:</b>		
At 280 mA / 0.90 V	170	
<b>Max. Discharge Current (cont.) [mA]:</b>	560	
<b>Life Expectancy (typical):</b>		
<b>IEC Cycle:</b>	1000 Cycles	
<b>Trickle Charge:</b>	up to 6 years (20°C)	
<b>Trickle Charge:</b>	up to 3 years (45°C)	

\* for fully discharged cells, 20 °C

Capacities based on normal charging

<sup>1.)</sup> Prior to use read Rechargeable NiMH Button Cell handbook @ [www.varta-microbattery.com](http://www.varta-microbattery.com)