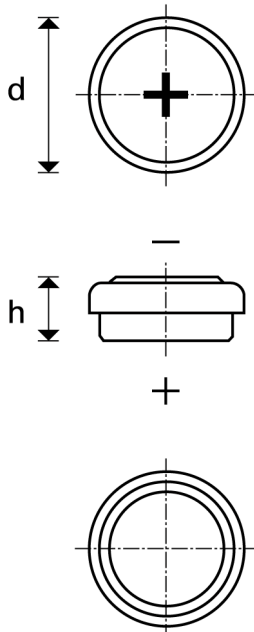


Data Sheet

Type Number: 55630
 System: Nickel Metal Hydride /
 KOH Electrolyte
 UL Recognition: MH 13654 (N)
 Nominal Voltage [V]: 1,2
 Typical Capacity C [mAh]: 300
 Nominal Capacity C [mAh]: 280
 at 0.2 CA / 1.00 V
 Weight, approx [g]: 11
 Coding: Manufacturing 5 digit code
 (123 = day/4 = year/5 = vers)



Temperature Ranges [°C]:

	min.	max.
Storage:	-40	65
Discharge:	-20	65
Charge:	0	65

Dimensions [mm]:

	min.	max.
Diameter [d]:	24,95	25,1
Height [h]:	6,95	7,55

Charging Method:

Normal Charging:	28 mA for 14-16 h
Accelerated Charging (20°C): ..	56 mA for 7-8 h
Fast Charging :	140 mA for 3 h *
Trickle Charging :	8,4 mA

Overcharge (20°C):

28 mA continuous
56 mA 1 year

Charge Retention [%] at 20°C: 90
 Capacity available after 1 month storage at 20 °C

Internal Resistance [Ohm]: 0,47
 at charged cells, 20 °C, DC: 0.2 CA/2 CA, (IEC 285)

Impedance [Ohm]: 0,08
 at charged cells, 20 °C, AC: 1 kHz, (IEC 285)

Typical Capacities [mAh]:

at 1 CA / 0.90 V	138
at 2 CA / 0.90 V	57

Max. Discharge Current (cont.)[mA]: 560

Life Expectancy (typical):

IEC Cycle:	1000 Cycles
Trickle Charge:	up to 6 years (20°C)
Trickle Charge:	up to 3 years (45°C)

* for fully discharged cells, 20 °C