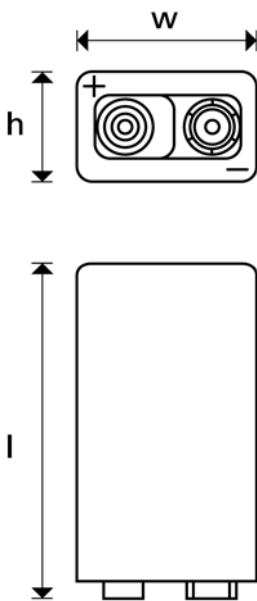


Data Sheet

Type Number: 5522
System: Nickel Metal Hydride / KOH Electrolyte
UL Recognition: MH 13654 (N)
Nominal Voltage [V]: 8,4
Typical Capacity C [mAh]: 150
Nominal Capacity C [mAh]: 140
 at 0.2 CA / 7.00 V



Weight, approx [g]: 47
Coding: TBA
Temperature Ranges [°C]

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

Dimensions [mm]

	min.	max.
Length [l]:	47,5	48,5
Width Facing [w]:		26,6
Height [h]:	15	15,7

Charging Method:
Normal Charging: 14 mA for 14-16 h
Accelerated Charging (20°C): ... 28 mA for 7-8 h
Fast Charging : 70 mA for 3 h *
Trickle Charging : 4,2 mA

Overcharge (20°C): 14 mA continuous
 28 mA 1 year

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

Internal Resistance [Ohm]: 5,6
 at charged cells, 20 °C, DC: 0.2 CA/2 CA, (IEC 285)

Impedance [Ohm]: 0,9
 at charged cells, 20 °C, AC: 1 kHz, (IEC 285)

Typical Capacities [mAh]:
 at 1 CA / 6.30 V 88
 at 2 CA / 6.30 V 38

Max. Discharge Current (cont.)[mA]: 280

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