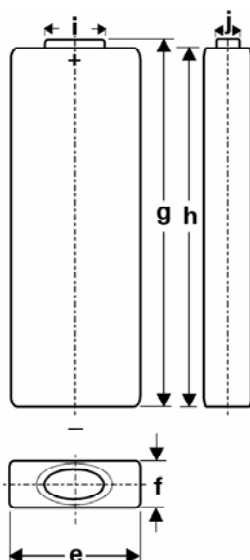


Data Sheet

Type Number:	55088
System:	Nickel Metal Hydride/ KOH Electrolyte
Nominal Voltage [V]:	1.2
Nominal Capacity C [mAh]:	850
Typical Capacity C [mAh]: at 180 mA / 1.00 V	900
Weight, approx. [g]	18.0
Dimensions [mm]:	min. max.
Width [e]:	13.8 14.5
Thickness [f]:	6.7 7.4
Height [g]:	47.2 48.2
Shoulder Height [h]	46.4 47.4
Cap width [l]	4.8 5.8
Cap thickness [j]	2.8 3.8
Coding:	Manufacturing 10 digit code (4,5 = year / 6,7 = month)
Temperature Ranges [°C]	min. max.
Storage: less than 30 days	-20 60
Discharge:	-20 60
Charge:	0 45
Charging Method:	
Normal Charging:	85 mA for 14 – 16 h
Accelerated Charging (20°C):	225 mA for 4.75 h
Time controlled, voltage control recommended	
Fast Charging: (20°C)	850 mA *
Trickle Charging:	no
Charge Retention [%] at 20°C:	min. 60%
Capacity available after 1 month Storage at 20°C (cell was fast charged)	
Internal Resistance [mOhm]:	max. 40
at charged cells (3 cycles), 20°C, (1C; ΔU=10mV; EOD=1.0V) (IEC 61951-2)	
Impedance [mOhm]:	max. 27
at charged cells (5 cycles), 20°C, AC: 1kHz, (IEC 61951-2)	
Typical Capacities [mAh]:	
at 850 mA / 0.97 V	850
at 1.70 A / 0.95 V	830
at 2.55 A / 0.9 V	820
Max. Discharge Current (cont.) [mA]:	2550
Life Expectancy (typical):	
IEC Cycle:	>500 Cycles



* (dT/ dt, -dV)

Capacities based on normal charging