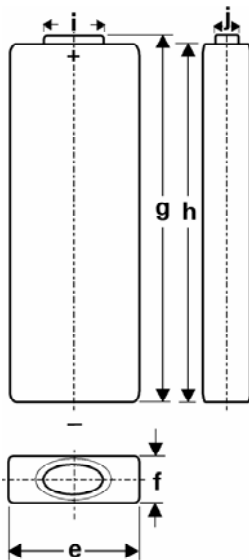


Preliminary Data Sheet

Type Number:	55090	
System:	Nickel Metal Hydride/ KOH Electrolyte	
Nominal Voltage [V]:	1.2	
Nominal Capacity C [mAh]:	785	
Typical Capacity C [mAh]: at 170 mA / 1.00 V	860	
Weight, approx. [g]	18.0	
Dimensions [mm]:	min.	max.
Width [e]:	16.2	17.0
Thickness [f]:	5.5	6.2
Height [g]:	47.2	48.0
Shoulder Height [h]:	46.7	48.0
Cap width [l]:		3.5
Cap thickness [j]:		3.5
Temperature Ranges [°C]	min.	max.
Storage: less than 30 days	-20	50
less than 90 days	-20	40
less than 1 year	-20	30
Discharge:	-20	60
Charge:	0	45
Charging Method:		
Normal Charging:	85 mA for 14 – 16 h	
Accelerated Charging (20°C):	240 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)		
Impedance [mOhm]:	max. 50	
at charged cells (5 cycles), 20°C, AC: 1kHz, (IEC 61951-2)		
Typical Capacities [mAh]:		
at 850 mA / 0.97 V	830	
at 1.70 A / 0.95 V	800	
at 2.55 A / 0.9 V	790	
Max. Discharge Current (cont.) [mA]:	2400	
Life Expectancy (typical):		
IEC Cycle:	>500 Cycles	



* (dT/ dt, -dV)

Capacities based on normal charging