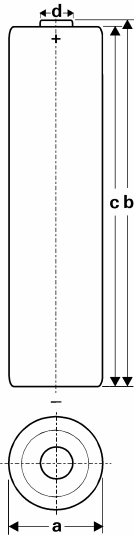


Data Sheet

Type Number:	55140	
System:	Nickel Metal Hydride/ KOH Electrolyte	
Nominal Voltage [V]:	1.2	
Nominal Capacity C [mAh]:	3600	
Typical Capacity C [mAh]: at 800mA / 1.00V	4000	
Weight, approx. [g]	55.0	
Dimensions [mm]:	min.	max.
Diameter [a]:	16.0	17.0
Height [b]:	65.5	67.5
Shoulder Height [c]	65.2	67.7
Cap diameter [d]	7.5	8.5
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:	370mA for 14 – 16h	
Accelerated Charging (20°C):	1100mA for 4.75h Time controlled, voltage control recommended	
Fast Charging: (20°C)	3000mA *	
Trickle Charging:	pulsed recommended	
Charge Retention [%] at 20°C:	min. 60%	
Capacity available after 1 month Storage at 20°C (cell was fast charged)		
Impedance [mOhm]:	max. 60	
at charged cells (5 cycles), 20°C, AC: 1kHz, (IEC 61951-2)		
Typical Capacities [mAh]:		
at 800mA / 1.00V	4000	
at 2A / 1.00V	3700	
at 4A / 1.00V	3600	
Max. Discharge Current (cont.) [mA]:	5000	
Life Expectancy (typical):		
IEC Cycle:	>500 Cycles	



* (dT/ dt, -dV)

Capacities based on normal charging