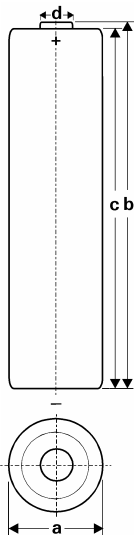


Preliminary Data Sheet

Type Number:	55118
System:	Nickel Metal Hydride/ KOH Electrolyte
Nominal Voltage [V]:	1.2
Nominal Capacity C [mAh]:	1900
Typical Capacity C [mAh]: at 430 mA / 1.00 V	2150

Weight, approx. [g] 35.0

Dimensions [mm]:	min.	max.
Diameter [a]:	16.0	17.0
Height [b]:	41.0	43.0
Shoulder Height [c]	40.8	43.3
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:	195 mA for 14 – 16 h
Accelerated Charging (20°C):	585 mA for 4.75 h Time controlled, voltage control recommended
Fast Charging: (20°C)	1950 mA *
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 430 mA / 1.00 V	2150
at 2.15 A / 1.00 V	2050
at 4.30 A / 1.00 V	1950

Max. Discharge Current (cont.) [mA]: 6400

Life Expectancy (typical):

IEC Cycle: >500 Cycles

* (dT/ dt, -dV)

Capacities based on normal charging