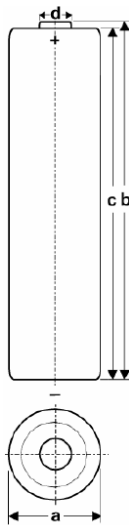


Data Sheet



Type Number	55038
Designation IEC	4/3 A
System	Ni-MH
Nominal Voltage	1,2 V
Typical Capacity (0.2C / 1.0V).....	3820 mAh
Nominal Capacity (0.2C / 1.0V).....	3800 mAh
Impedance AC at 1kHz, fully charge..	<20 mΩ
Max Discharge Current(3C / 1.0V).....	11.400 mA
Weight (approx.)	53,5 g

Dimensions	min	max.
Diameter (a)	16,80	17,50
Height (b)	65,50	67,00
Cup Diameter (d).....	8,0	

Temperature Ranges	min	max.
Storage 1 Year (1)	-20°C	25°C
6 Month	-20°C	35°C
1 Month	-20°C	45°C

recharge every 3 months

Charge	0°C	45°C
Fast Charge	10°C	45°C
Discharge	-20°C	50°C

Charge Conditions

Standard Charge	380 mA / 16 h (tmax)
Fast Charge (charge termination control recommended).	1900 mA to 3800mA (0.5 to 1C)
Control parameters	-ΔV = 0 – 5 mV
	DT/dt = 0.8°C/min (0.5 to 0.9C)
	0.8°C – 1°C/min (1C)
	Temp. cut-off = 45 – 50°C
	Timer: 105% nominal input
	190 - 380 mA

Trickle Charge (0.05-0.1 C)

IEC Cycle:	> 500 Cycles (IEC 61951-2)
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Information and contents in this data sheet are for reference purpose only. They do not constitute any warranty or representation and are subject to change without notice. For most current information and further details, please contact your VARTA representative.

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