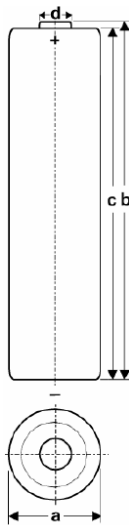


Data Sheet


Type Number	55038	
Designation IEC	4/3 A	
System	Ni-MH	
Nominal Voltage	1,2 V	
Typical Capacity (0.2C / 1.0V)	3800 mAh	
Nominal Capacity (0.2C / 1.0V)	3800 mAh	
Minimum Capacity (0.2C / 1.0V)	3700 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	
Trickle Charge (0.05-0.1 C)	190 - 380 mA	
IEC Cycle:	> 500 Cycles (IEC 61951-2)	

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.