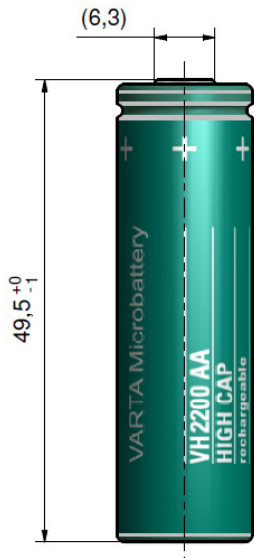


Data Sheet



Type Number	55022
Designation IEC	HR 15/51
System	Ni-MH
Nominal Voltage	1,2 V
Typical Capacity (0.2C / 1.0V).....	2250 mAh
Nominal Capacity (0.2C / 1.0V).....	2200 mAh
Impedance AC at 1kHz, fully charge..	<28 mΩ
Max Discharge Current(3C / 1.0V).....	6.600 mA
Weight (approx.)	30,5 g

Dimensions	min	max.
Diameter (a)	13,80	14,50
Height (b)	48,50	49,50
Cup Diameter (d).....	6,3	

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	220 mA / 16 h (tmax)
Fast Charge (charge termination control recommended).	1100 mA to 2200mA (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)	110 - 220 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.

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