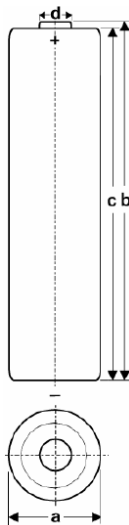


Data Sheet


Type Number 55044
Designation IEC 4/3 FA

System Ni-MH

Nominal Voltage 1,2 V
Typical Capacity (0.2C / 1.0V)..... 4500 mAh
Nominal Capacity (0.2C / 1.0V)..... 4300 mAh

Impedance AC at 1kHz, fully charge.. <25 mΩ

Max Discharge Current(3C / 1.0V)..... 12.900 mA

Weight (approx.) 63,0 g

Dimensions	min	max.
Diameter (a)	17,60	18,30
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	450 mA / 16 h (tmax)
Fast Charge (charge termination control recommended).	2150 mA to 4300mA (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)	215 - 430 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.*