

Data Sheet


Type Number 55021

Designation IEC 4/5A

System Ni-MH

Nominal Voltage 1,2 V

Typical Capacity (0.2C / 1.0V)..... 2160 mAh

Nominal Capacity (0.2C / 1.0V)..... 2100 mAh

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

Max Discharge Current(3C / 1.0V)..... 6.300 mA

Weight (approx.) 33,0 g

Dimensions	min	max.
Diameter (a)	16,30	17,00
Height (b)	42,00	43,00
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 210 mA / 16 h (tmax)

Fast Charge (charge termination control recommended). 1050 mA to 2100mA (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

105 - 210 mA

Trickle Charge (0.05-0.1 C)

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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