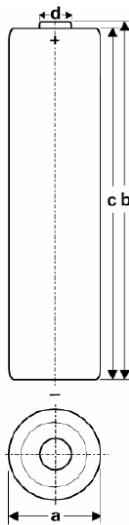


Data Sheet


| | |
|---------------------------------------|----------|
| 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.