

Data Sheet

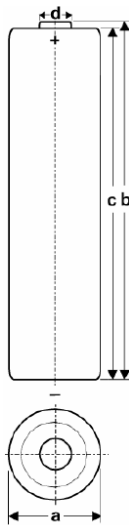


| | |
|---------------------------------------|----------|
| Type Number | 55021 |
| Designation IEC | 4/5A |
| System | Ni-MH |
| Nominal Voltage | 1,2 V |
| Typical Capacity (0.2C / 1.0V)..... | 2160 mAh |
| Nominal Capacity (0.2C / 1.0V)..... | 2100 mAh |
| Impedance AC at 1kHz, fully charge.. | <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.

The Netherlands



Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
F: +31 (0)53 573 33 30
E: nl@texim-europe.com

Belgium



Zuiderlaan 14 bus 10
B-1731 Zellik

T: +32 (0)2 462 01 00
F: +32 (0)2 462 01 25
E: belgium@texim-europe.com

UK & Ireland



St. Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
F: +44 (0)845 299 22 26
E: uk@texim-europe.com

Germany North



Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
F: +49 (0)4106 627 07-20
E: germany@texim-europe.com

Germany South



Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
F: +49 (0)89 436 086-19
E: germany@texim-europe.com

Austria



Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
F: +43 (0)662 216 026-66
E: austria@texim-europe.com

Nordic region



Sdr. Jagtvej 12
DK-2970 Hørsholm

T: +45 88 20 26 30
F: +45 88 20 26 39
E: nordic@texim-europe.com

General information



info@texim-europe.com
www.texim-europe.com