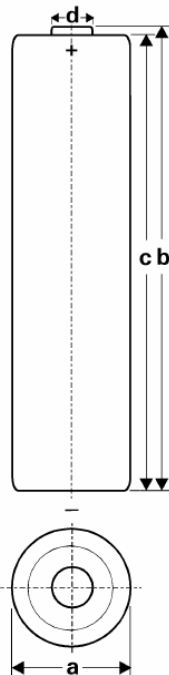


Preliminary Data Sheet

| | |
|---|-------------------------|
| Type Number: | 55145 |
| Designation IEC System | 4/3FA Ni-MH Battery |
| Nominal Voltage: | 1.2 V |
| Rated Capacity (0.2C / 1.0V): | 4500 mAh (min 4100 mAh) |
| Internal Resistance DC, fully charged: | |
| Impedance AC at 1kHz, fully charged: | 20 mOhm |



| | |
|-----------------------------|----------|
| Typical Capacity at: | |
| 0.2 C/ 1.00 V: | 4500 mAh |
| 1.0 C/ 0.97 V: | 3910 mAh |
| 2.0 C/ 0.95 V: | 3620 mAh |

| | |
|--|---------|
| Max. Charge Current: | 2250 mA |
| Max Discharge Current (continuous): | 9000 mA |

| | |
|--------------------------------|--------------|
| Dimensions (with tube): | |
| Diameter (a): | 18.0 0/-1mm |
| Height (b): | 67.5 0/-2 mm |
| Cap Diameter (d): | 8.5 mm |
| Weight, approx: | 62 g |

| | |
|-------------------------|----------------------|
| Volume: | 17.2 cm ³ |
| Energy Density: | 315 Wh/l |
| Specific Energy: | 87 Wh/kg |

| | |
|-------------------------------------|----------------|
| Charge Conditions at: | |
| Standard Charge: | 450 mA/ 16 h |
| Fast Charge: | 2250 mA/ 2.2 h |
| Trickle Charge (0.03-0.05 C) | n.d. |

| | |
|---------------------------|-----------------|
| Temperatur Ranges: | |
| Storage: | |
| less than 30 days: | -20 °C - +50 °C |
| less than 1 year: | -20 °C - +30 °C |
| Charge: | 0 °C - +45 °C |
| Fast Charge: | 0 °C - +40 °C |
| Discharge: | 0 °C - +50 °C |

| | |
|------------------------------------|------|
| Life Expectancy at cycling: | n.d. |
|------------------------------------|------|

All Data contained herein is for single cells
 For battery applications, performance data may vary from single cell data, depending on specific battery configuration

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