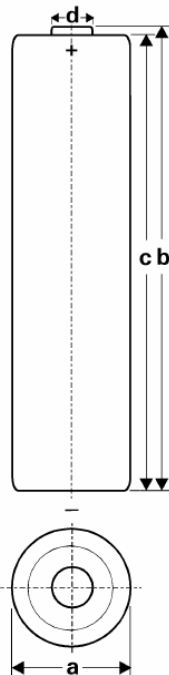


## Preliminary Data Sheet

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



<b>Typical Capacity at:</b>	
<b>0.2 C/ 1.00 V:</b>	4500 mAh
<b>1.0 C/ 0.97 V:</b>	3910 mAh
<b>2.0 C/ 0.95 V:</b>	3620 mAh

<b>Max. Charge Current:</b>	2250 mA
<b>Max Discharge Current (continuous):</b>	9000 mA

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

<b>Volume:</b>	17.2 cm <sup>3</sup>
<b>Energy Density:</b>	315 Wh/l
<b>Specific Energy:</b>	87 Wh/kg

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

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

<b>Life Expectancy at cycling:</b>	n.d.
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All Data contained herein is for single cells  
 For battery applications, performance data may vary from single cell data, depending on specific battery configuration