

Data Sheet

Type Number	55027
Designation ANSI	A
System	Ni-MH
Nominal Voltage	1.2 V
Nominal Capacity (0.2C / 1.0V)	2700 mAh
Minimum Capacity (0.2C / 1.0V)	2650 mAh

Impedance AC at 1kHz, fully charged ...	< 20 mOhm
--	-----------

Typical Capacity at 0.2 C/ 1.00 V	2700 mAh
---	----------

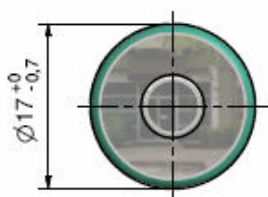
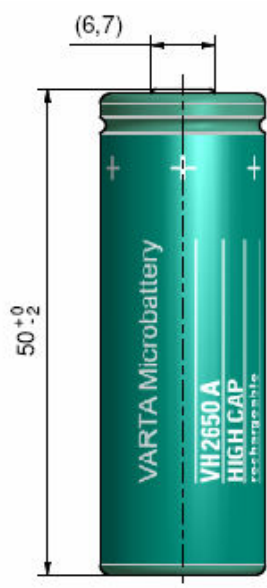
Max Discharge Current (cont./1.0V)	8100 mA
---	---------

Dimensions

Diameter (a)	17 +0/-0.7 mm
Height (b)	50 +0/-2 mm
Cap Diameter (d)	6.7 mm
Weight, approx	39.5 g

Charge Conditions

Standard Charge	270 mA / 16 h (t _{max})
Fast Charge (charge termination control recommended).	1350 mA to 2700 mA (0.5 to 1 C)
Control parameters	-ΔU = 0 – 5 mV DT/dt = 0.8 °C/min (0.5 to 0.9 C) 0.8 °C – 1 °C/min (1 C) Temp. cut-off = 45 – 50 °C Timer: 105 % nominal input
Trickle Charge (0.05-0.1 C)	135 - 270 mA


Temperature Range

Storage 1 Year ⁽¹⁾	-20 °C - +25 °C
6 Month	-20 °C - +35 °C
1 Month	-20 °C - +45 °C
⁽¹⁾ recharge every 6 months	
Charge	0 °C - 45 °C
Fast Charge	10 °C - 45 °C
Discharge	-20 °C - 50 °C