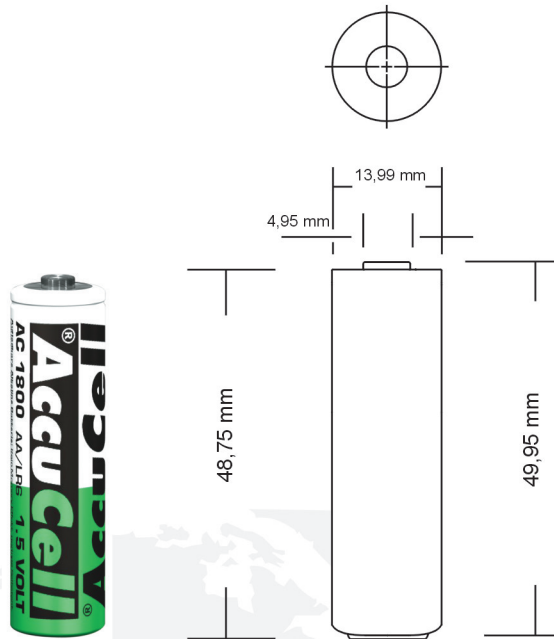
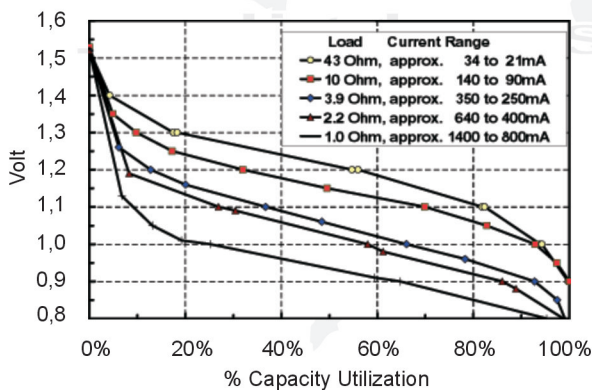


AC1800 Mignon/AA/LR6



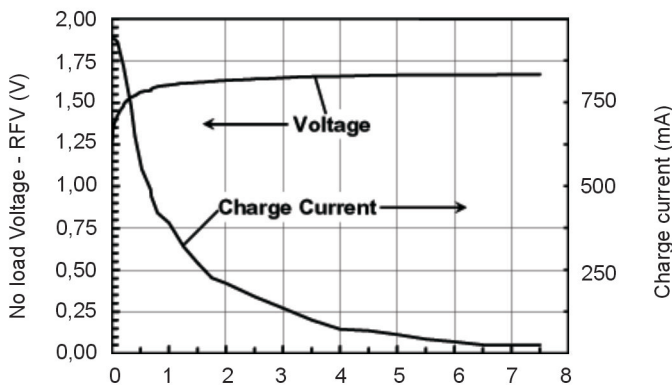
Open Circuit Voltage	1,57 Volt	
Internal Resistance of fresh cells	approx. 0.15 Ohm	
Initial Typical Capacity ¹ , mAh	30mA to 0,9V	2000
	125mA to 0,9V	1750
	300mA to 0,8V	1400
	500mA to 0,8V	1200
	1000mA to 0,8V	900
Dimensions	Height	49,95 mm
	Diameter	13,99 mm
	Weight	22 gramm
Charging ² (Puls/Taper)	Voltage Limit	1,65 +/- 0,05V (for taper charge)
		1,75V/1,65V (for pulse charge)
maximum charge current	1000mA	
Operating Temperature ³	-20°C to +60°C	
Storage Temperature	+15°C to +35°C	
Shelf life	up to 5 years	
Cycle life ⁴	25 to 500+	

Discharge curve with different currents



Normalized discharge voltage curves for AccuCell AA cells to estimate available capacity at various drain rates

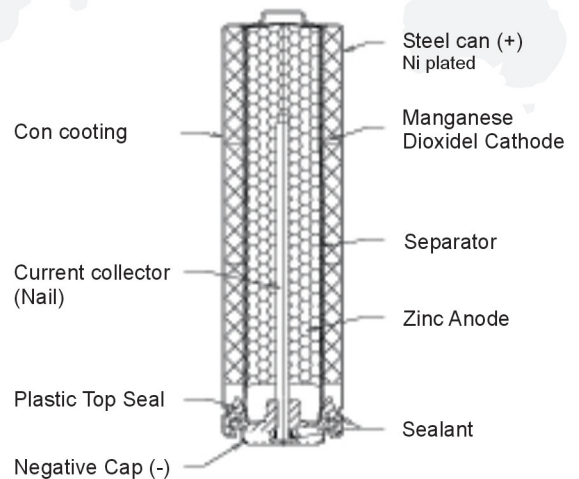
Charge curve



Typical charge for Fast Pulse charge of AccuCell rechargeable Alkaline AA batteries model AC1800

- 1) Aged cells may require intermittent discharge, which is the typical consumer use, to achieve typical capacity
- 2) Pulse charge of AccuCell RAM requires intelligent charger with a special charging algorithm a.e. AccuCell chargers ACL62, ACL64
- 3) Capacity from cells will be lower at lower temperatures
- 4) Cycle life will strongly depend on factors such as rate of discharge, end cut-off point voltage and depth discharge

AccuCell construction



AccuCell RAM Chemistry
Rechargeable Alkaline Manganese

