

Characteristics

Rechargeable Ni.MH Cylindrical cell
VH1600AA (55119)

Mechanical: Diameter 14.5 mm
 Height 49.2 mm
 Cap Diameter 6.5 mm
 Weight 26g

Temp. Charging: 0 to 45 °C
 Discharging: -20 to 50 °C
 Storage: 6 month at -20 to 35 °C > 80 %
 Life expectancy: > 300 cycles (> 80 % of Cmin)
 Impedance: < 38 mΩ @ 1kHz



VH1600AA Discharge curves with various loads at room temperature

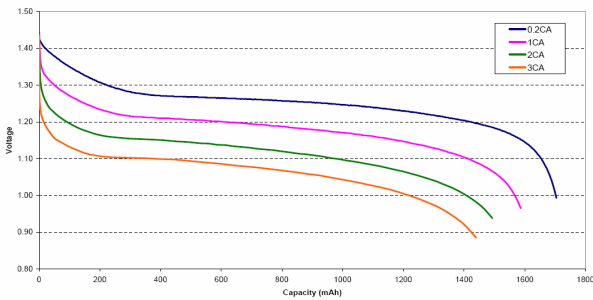


Fig. 1
Discharge Profile

Fast Charge (Charge control required)

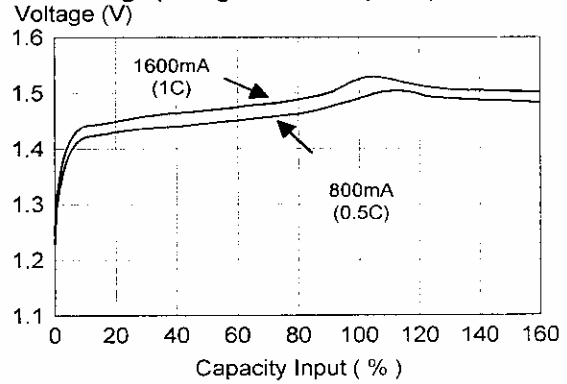


Fig. 2
Charge Profile

VH1600AAH Zyklen @ RT
 Zyklen: laden 1CA(1600mA)/dU5mV - entladen 1CA(1600mA)/0,9V

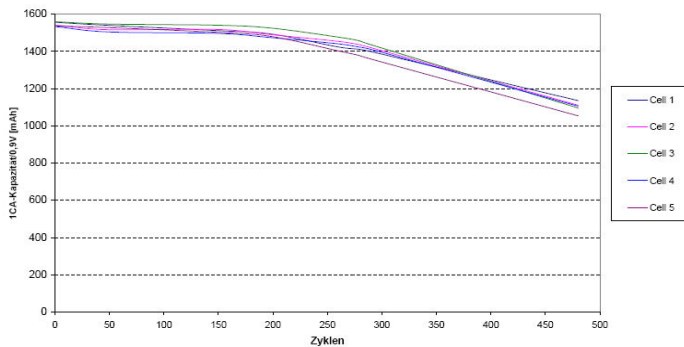


Fig. 3
Cycle life @ 20 °C