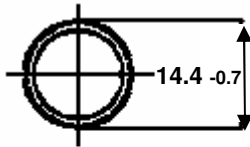


Data Sheet

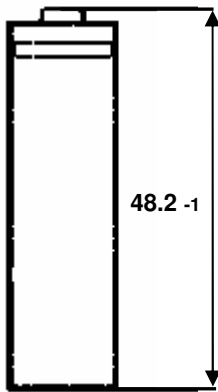
Type Number 55115
Designation IEC HR 15/49
System NiMH

Nominal Voltage 1.2 V
Rated Capacity (0.2C / 1.0V) 1300mAh



Impedance AC at 1kHz, fully charged ... < 38mOhm

Typical Capacity at
 0.2 C/ 1.00 V 1340mAh



Max Discharge Current (cont./1.0V) 3900mA

Dimensions

Diameter (a) 14.4 _{-0.7} mm
 Height (b) 48.2 _{-1.0} mm
 Cap Diameter (d) 6.5 mm
 Weight, approx 25g

Charge Conditions

Standard Charge 130 mA / 16 h (t_{max})
 Fast Charge (charge termination control recommended). 650 mA to 1300mA (0.5 to 1C)
 Control parameters - ΔU = 0 – 5 mV
 DT/dt = 0.8 °C/min (0.5 to 0.9C)
 0.8 °C – 1 °C/min (1C)
 Temp. cut-off = 45 – 50 °C
 Timer: 105% nominal input
 Trickle Charge (0.05-0.1 C) 65 - 130 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

All Data contained herein is for single cells

For battery applications, performance data may vary from single cell data, depending on specific battery configuration

VARTA Microbattery GmbH, Daimlerstr. 1, D-73479 Ellwangen/Jagst
 Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553

Subject to change without prior notice!
 Date of issue: 14.06.2007