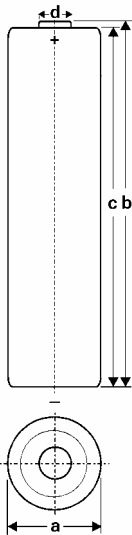


Data Sheet



Type Number: 55170
Designation IEC System HR 11/45 Ni-MH

Nominal Voltage: 1.2 V
Rated Capacity (0.2C / 1.0V): 650 mAh
Internal Resistance DC, fully charged: 50 mOhm
Impedance AC at 1kHz, fully charged: 30 mOhm

Typical Capacity at:
0.2 C / 1.00 V: 700 mAh
1.0 C / 0.97V: 680 mAh
2.0 C / 0.95V: 660 mAh
3.0 C / 0.90 V: 635 mAh

Max Discharge Current (cont./1.0V): 1.95 A
Max. Short Time Current (2sec/0.75V): 3.25 A

Dimensions:
Diameter (a): 10.5 -0.7 mm
Height (b): 43.6 -1.0 mm
Shoulder Height (c): 43.2 -1.0 mm
Cap Diameter (d): 5.5 -1.0 mm

Weight, approx: 13 g

Volume: 3.49 cm³
Energy Density: 241 Wh/l
Specific Energy: 65 Wh/kg

Charge Conditions at:
Standard Charge: 70 mA/ 16 h
Accelerated Charge: 210 mA/ 4.75 h
Fast Charge: 700 mA (dT/dt,-dV)
Trickle Charge (0.03-0.05 C) 20 - 35 mA

Temperatures (recommended/ permissible) at:
Storage: -20°C - +25°C* / -20°C - +40°C**
Charge: +15°C - +30°C / 0°C - +45°C
Fast Charge: +15°C - +30°C / 0°C - +40°C
Discharge: 0°C - +45°C / -20°C - +60°C

Life Expectancy at cycling: >500 cycles***

* less than 1 year

** less than 3 months

*** According to IEC285 standard: 1993 #4.4.1