

Data Sheet


Type Number 55027
Designation IEC HR 17/50
System Ni-MH

Nominal Voltage 1,2 V
Typical Capacity (0.2C / 1.0V)..... 2700 mAh
Nominal Capacity (0.2C / 1.0V)..... 2600 mAh

Impedance AC at 1kHz, fully charge.. <20 mΩ

Max Discharge Current(3C / 1.0V)..... 7.800 mA

Weight (approx.) 39,5 g

Dimensions	min	max.
Diameter (a)	16,30	17,00
Height (b)	48,00	50,00
Cup Diameter (d).....	6,7	



Temperature Ranges	min	max.
Storage 1 Year (1)	-20°C	25°C
6 Month	-20°C	35°C
1 Month	-20°C	45°C

recharge every 3 months

Charge	0°C	45°C
Fast Charge	10°C	45°C
Discharge	-20°C	50°C

Charge Conditions

Standard Charge 260 mA / 16 h (tmax)
Fast Charge (charge termination control recommended). 1300 mA to 2600mA (0.5 to 1C)
Control parameters -ΔV = 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
130 - 260 mA

Trickle Charge (0.05-0.1 C)

IEC Cycle: > 500 Cycles (IEC 61951-2)