

Data Sheet


Type Number 55044
Designation IEC 4/3 FA
System Ni-MH

Nominal Voltage 1,2 V
Typical Capacity (0.2C / 1.0V)..... 4500 mAh
Nominal Capacity (0.2C / 1.0V)..... 4300 mAh

Impedance AC at 1kHz, fully charge.. <25 mΩ

Max Discharge Current(3C / 1.0V)..... 12.900 mA

Weight (approx.) 63,0 g

Dimensions	min	max.
Diameter (a)	17,60	18,30
Height (b)	65,50	67,00
Cup Diameter (d).....	8,0	

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 450 mA / 16 h (tmax)
 Fast Charge (charge termination control recommended). 2150 mA to 4300mA (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
 215 - 430 mA

Trickle Charge (0.05-0.1 C)

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

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