

CHANNEL

SAFETY SYSTEMS

Emergency Lighting Ni-Cd Batteries

by

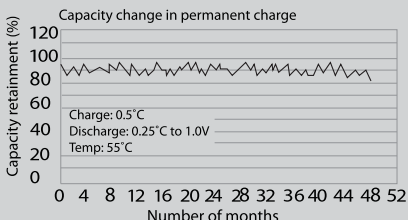
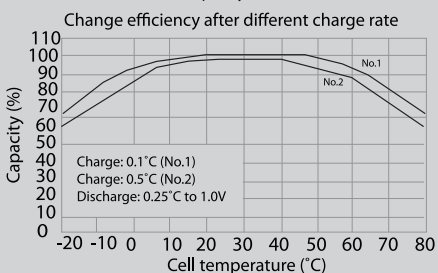
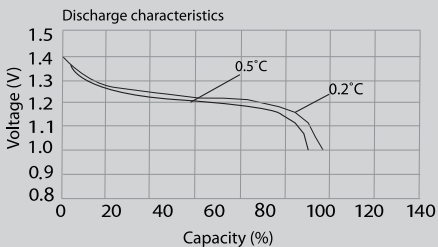
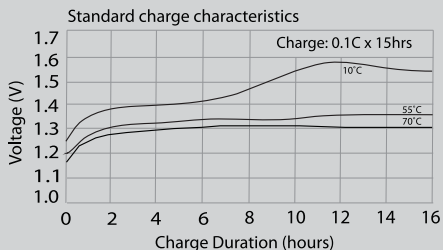


The range of fully certified high quality batteries
exclusively from Channel Safety Systems

Ni-Cd Batteries

Features

- As used by leading UK and European lighting manufacturers as their battery of choice
- High quality 4.0Ah nickel cadmium batteries, complete with connector and lead
- 1.2V per cell
- 55°C high temperature
- Each cell 33mmØ x 60mmL (approx)
- Other variants available
- Superior charge acceptance at high temperature (50-70°C)
- Complies with IEC 61951 - 2003 Clause 7.4.2.3 Endurance test - 3rd party certified



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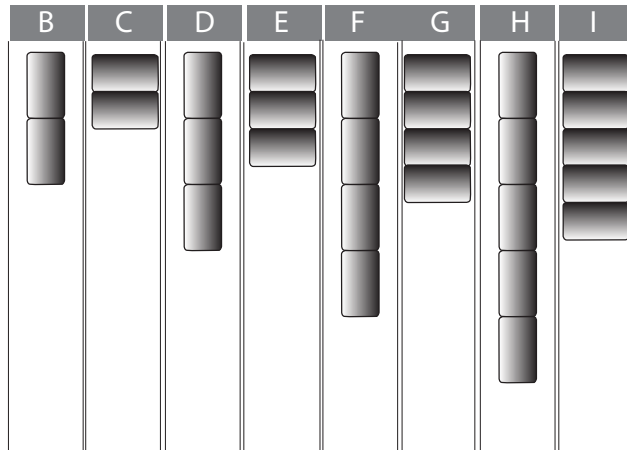
Electrical characteristics per cell	
Nominal Voltage (V)	1.20
Nominal Capacity (mAh) @ 25°C	4000
Maximum Continuous Discharge Current (A)	2.4

Dimensions per cell	
Diameter (mm)	32.5 +/- 0.5
Height (mm)	59 +/- 1.0
Weight (g)	125 approx.

Charge conditions	Time	Temp	Charge (mA)
Standard	16hrs	0-45°C	400mA (0.1C)
Trickle	24hrs	0-70°C	200mA (0.05C)
Maintenance	∞	0-55°C	200mA (0.05C)

Storage	
Storage Temperature	0 to + 25°C

Battery Configurations



BATTERY CONFIGURATIONS	PRODUCT CODE	DESCRIPTION
B	B/D-D4000BH/2H	NiCad 4Ah 2.4V stick cell 2 battery complete with Molex connector, 250mm lead & end caps
C	B/D-D4000BH/2S	NiCad 4Ah 2.4V stick 2 cell side by side battery complete with 250mm lead
D	B/D-D4000BH/3H	NiCad 4Ah 3.6V stick 3 cell battery complete with Amp connector, 250mm lead & end caps
E	B/D-D4000BH/3S	NiCad 4Ah 3.6V stick 3 cell side by side battery complete with 250mm lead
F	B/D-D4000BH/4H	NiCad 4Ah 4.8V stick 4 cell battery complete with Amp connector, 250mm lead & end caps
G	B/D-D4000BH/4S	NiCad 4Ah 4.8V stick 4 cell side by side battery complete with 250mm lead
H	B/D-D4000BH/5H	NiCad 4Ah 6.0V stick 5 cell side by side battery complete with Amp connector, 250mm lead & end caps
I	B/D-D4000BH/5S	NiCad 4Ah 6.0V stick 5 cell side by side battery complete with 250mm lead

Errors & omissions excluded. Specification is subject to change without notice.

revision 013-1