

Product description

A range of high temperature Nickel Cadmium (NiCd) batteries suitable for emergency lighting applications. They are available as either 1.6Ah 'Sub-C' single sticks or 4.0Ah 'D' cells in both stick and side-by-side configuration with mounting plate. Rated at a continuous operating temperature 55°C, they have a 1-year warranty covering manufacturing defects and 4-year design life to Annex A of EN60598-2-22.

Properties

- > High temperature Nickel Cadmium batteries
- > Continuously rated to 55°C
- > 'D' size 4Ah and 'SC' size 1.6Ah batteries as standard
- > Industry standard configurations
- > Connections via polarised tags
- > Supplied with flying leads as standard. Alternative options available
- > Complies with EN61951-1 and suitable for luminaires conforming to EN60598-2-22
- > Suitable for installations to EN50172
- > A range of mounting accessories available
- > Other capacities and non standard, custom configuration design service available upon request

Accessories

A range of cable assemblies and mounting accessories are available please refer to page 2.

Battery configurations

Batteries can also be ordered in various combinations of the standard formats to suit your requirements. See summary document links below for details.

[Summary of 'D' NiCd configurations](#)

[Summary of 'SC' NiCd configurations](#)

Common Technical Data	
Absolute Maximum Temperature	70°C
Maximum Continuous Temperature	55°C
Minimum Ambient Temperature	5°C
Charge Requirements	C/20 for 24 hours Constant Current (CC)
Storage	0-25°C for 12 months

Disposal at registered treatment facility only



Model Number	Number of cells	Capacity	Format	Standard Pack Quantities	Weight
NCD216SS	2	1.6Ah	Stick	140	14.5kg
NCD316SS	3	1.6Ah	Stick	60	10.0kg
NCD416SS	4	1.6Ah	Stick	60	12.0kg
NCD14SS	1	4Ah	Single cell	100	13.0kg
NCD24SS	2	4Ah	Stick	40	11.0kg
NCD34SS	3	4Ah	Stick	30	12.0kg
NCD44SS	4	4Ah	Stick	20	10.8kg
NCD54SS	5	4Ah	Stick	15	13.0kg
NCD64SS	6	4Ah	Stick	15	12.0kg
NCD24BS	2	4Ah	Side-by-side with mounting plate	40	11.0Kg
NCD34BS	3	4Ah	Side-by-side with mounting plate	30	13.0kg
NCD44BS	4	4Ah	Side-by-side with mounting plate	22	12.0kg
NCD54BS	5	4Ah	Side-by-side with mounting plate	18	12.0kg
NCD64PS	6	4Ah	Side-by-side	18	13.0kg



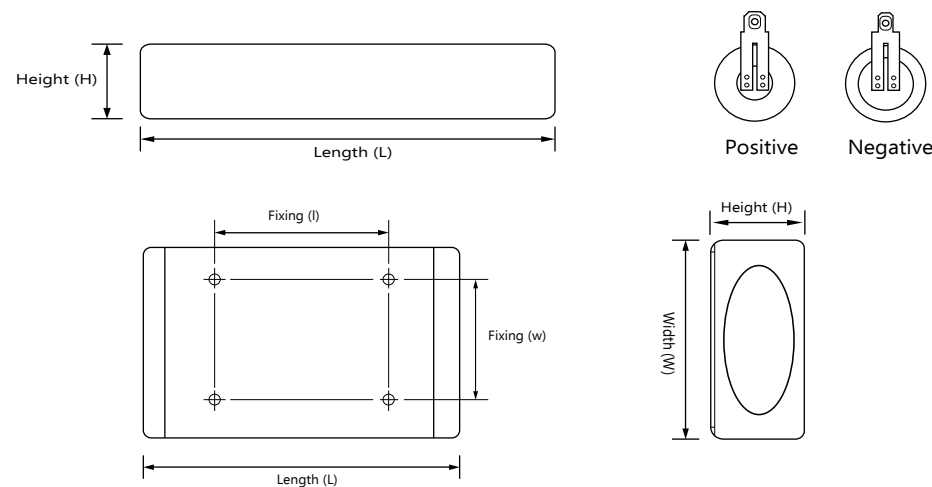


DIMENSIONS & ACCESSORIES | NICKEL CADMIUM (NiCd) BATTERIES

Model Number	Number of cells	Capacity	IEC Cell Size	Length (L)	Width (W)	Height (H)	Fixing (l)	Fixing (w)
NCD216SS	2	1.6Ah	'Sub-C' (SC/Cs)	86mm	23mm	23mm	(See end cap data)	
NCD316SS	3	1.6Ah		129mm	23mm	23mm		
NCD416SS	4	1.6Ah		175mm	23mm	23mm		
NCD14SS	1	4Ah	'D'	60mm	34mm	34mm		
NCD24SS	2	4Ah		120mm	34mm	34mm		
NCD34SS	3	4Ah		180mm	34mm	34mm		
NCD44SS	4	4Ah		240mm	34mm	34mm		
NCD54SS	5	4Ah		300mm	34mm	34mm		
NCD64SS	6	4Ah		360mm	34mm	34mm		
NCD24BS	2	4Ah		66mm	63mm	36mm		
NCD34BS	3	4Ah		99mm	63mm	36mm	32mm	40mm
NCD44BS	4	4Ah		132mm	63mm	36mm	64mm	40mm
NCD54BS	5	4Ah		165mm	63mm	36mm	96mm	40mm
NCD64PS	6	4Ah		198mm	63mm	34mm	96mm	40mm

Battery leads

Batteries are supplied with single core flying leads with stripped ends as standard. These are 1000mm for sticks and 250mm for packs. A 100mm link wire 'CAS012' should be ordered separately if connecting sticks together. Many other lead options also available. Please enquire with your requirements.



Product description

- > End caps suitable for use with 'stick' D size batteries
- > End cap suitable for use with 'stick' Sub-C batteries

Properties

- > Provides a convenient and secure mounting option for
- > Moulded in UL94-V0 rated plastic
- > 'E' version offers slide together feature to produce secure side-by-side configuration
- > E/Slotted for tag connection or outlet for pre-soldered connections



NiCd Batteries - End cap ordering information			
Product Code	E	E/Slotted	E/SubC
Fixing Centres when fitted	Battery Length (L) + 20mm	Battery Length (L) + 17mm	Battery Length (L) + 21mm
Maximum Length when fitted	Battery Length (L) + 37mm	Battery Length (L) + 34mm	Battery Length (L) + 40mm