

# Emergency Lighting Battery Configurations

'D' Cell High Temperature 4Ah, 1.2V/Cell

- All batteries complete with flying lead and polarised 'amp' connector
- Other configurations available on request

2 Cell			3 Cell			4 Cell (4.8v)			5 Cell (6v)			6 Cell (7.2v)		
<b>SM/02/ST</b>			<b>SM/03/ST</b>			<b>SM/04/ST</b>			<b>SM/05/ST</b>			<b>SM/06/ST</b>		
2 CELL STICK			3 CELL STICK			4 CELL STICK			5 CELL STICK			6 CELL STICK		
L	H	D	L	H	D	L	H	D	L	H	D	L	H	D
153mm	35mm	35mm	212mm	35mm	35mm	271mm	35mm	35mm	329mm	35mm	35mm	387mm	35mm	35mm
Fixing Centres 139mm			Fixing Centres 198mm			Fixing Centres 257mm			Fixing Centres 316mm			Fixing Centres 374mm		
<b>SM/02/PL</b>			<b>SM/03/PL</b>			<b>SM/04/PL</b>			<b>SM/05/PL</b>			<b>SM/06/PL</b>		
2 CELL PLATE			3 CELL PLATE			4 CELL PLATE			5 CELL PLATE			6 CELL PLATE		
L	H	D	L	H	D	L	H	D	L	H	D	L	H	D
65mm	62mm	35mm	98mm	62mm	35mm	130mm	62mm	35mm	163mm	62mm	35mm	198mm	60mm	37mm
						<b>SM/2+2/LINE</b>			<b>SM/3+2/LINE</b>			<b>SM/3+3/LINE</b>		
						2 x 2 CELL STICKS			1 x 3 + 1 x 2 CELL STICKS			2 x 3 CELL STICKS		
						L (2 off)	H	D	L	H	D	L (2 off)	H	D
						154mm	37mm	37mm	213mm	37mm	37mm	213mm	37mm	37mm
						Fixing Centres 145mm			Fixing Centres 200mm			Fixing Centres 200mm		
									L	H	D			
									154mm	37mm	37mm			
									Fixing Centres 143mm					
						<b>SM/2+2/DEC</b>			<b>SM/2+3/DEC</b>			<b>SM/3+3/DEC</b>		
						2 x 2 CELL STICKS (Double End Caps)			1 x 3 + 1 x 2 CELL STICKS (Double & Single End Caps)			2 x 3 CELL STICKS (Double End Caps)		
						L	H	D	L	H	D	L	H	D
						169mm	37mm	71mm	221mm	37mm	717mm	228mm	37mm	71mm
						Fixing Centres 157mm			Fixing Centres 208mm			Fixing Centres 216mm		

## Nickel Metal Hydride Batteries

Nickel metal hydride batteries are becoming more popular for two main reasons.



- Nimh batteries have a higher energy density than the equivalent Nickel Cadmium battery meaning a smaller physical cell can be specified where space is limited.
- Importantly, Nimh batteries are also kinder to the environment in terms of production and disposal.




Dimensions	
2 cell 2.4v	Diameter 19mm x 147mm Length
3 cell 3.6v	Diameter 19mm x 216mm Length

Code	Description
SM/02/ST/NIMH	2 cell 2.4v
SM/03/ST/NIMH	3 cell 3.6v

	Model Number	Cells	Capacity	IEC Cell Size	Dimensions L x W x H
<b>One-Lux Nickel Cadmium (NiCd) Batteries</b>					
	NCD216SS	2	1.6Ah	'Sub-C' (SC/Cs)	86mm x 23mm x 23mm
	NCD316SS	3	1.6Ah	'Sub-C' (SC/Cs)	129mm x 23mm x 23mm
	NCD416SS	4	1.6Ah	'Sub-C' (SC/Cs)	172mm x 23mm x 23mm
	NCD14SS	1	4Ah	'D'	58mm x 34mm x 34mm
	NCD24SS	2	4Ah	'D'	116mm x 34mm x 34mm
	NCD34SS	3	4Ah	'D'	175mm x 34mm x 34mm
	NCD44SS	4	4Ah	'D'	234mm x 34mm x 34mm
	NCD54SS	5	4Ah	'D'	290mm x 34mm x 34mm
	NCD64SS	6	4Ah	'D'	350mm x 34mm x 34mm
	NCD24BS	2	4Ah	'D'	68mm x 63mm x 36mm
	NCD34BS	3	4Ah	'D'	102mm x 63mm x 36mm
	NCD44BS	4	4Ah	'D'	136mm x 63mm x 36mm
	NCD54BS	5	4Ah	'D'	170mm x 63mm x 36mm
	NCD64PS	6	4Ah	'D'	204mm x 63mm x 34mm

### One-Lux Nickel Metal Hydride (NiMH) Batteries

	NMH22SS	2	2.0Ah	'Sub-C'	86mm x 23mm x 23mm
	NMH32SS	3	2.0Ah	'Sub-C'	129mm x 23mm x 23mm
	NMH42SS	4	2.0Ah	'Sub-C'	172mm x 23mm x 23mm
	NMH52SS	5	2.0Ah	'Sub-C'	215mm x 23mm x 23mm
	NMH24SS	2	4.0Ah	18700	140mm x 20mm x 20mm
	NMH34SS	3	4.0Ah	18700	210mm x 20mm x 20mm
	NMH44SS	4	4.0Ah	18700	280mm x 20mm x 20mm

#### Applicable number of end caps to relevant battery models

Model Number	NiCd Batteries					
	NCD24SS	NCD34SS	NCD44SS	NCD216SS	NCD316SS	NCD416SS
E	2	2	2			
E/Slotted	2	2	2			
E/18700						
E/ Sub C				2	2	2

NiMH Batteries		
NMH24SS	NMH34SS	NMH44SS
2	2	2