

Product description

A range of high temperature Nickel Metal Hydride (NiMH) batteries suitable for emergency lighting applications. They are available as 2.0Ah and 4.0Ah capacity in various case sizes. Rated at a continuous operating temperature 40°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 Metal Hydride batteries
- > Continuously rated to 40°C
- > 18720 size 4Ah and 'SC' size 2.0Ah batteries as standard
- > Supplied in stick format
- > Connections via polarised tags
- > Supplied with flying leads as standard. Alternative options available
- > Complies with EN61951-2 and suitable for luminaires conforming to EN60598-2-22
- > Suitable for installations to EN50172
- > A mounting end caps accessories available
- > Other capacities & non standard, custom configuration design service available upon request

Accessories

A range of cable assemblies and end caps for mounting 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 NiMH configurations](#)

Common Technical Data	
Absolute Maximum Temperature	70°C
Maximum Continuous Temperature	40°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
NMH22SS	2	2.0Ah	Stick	100	11.0kg
NMH32SS	3	2.0Ah	Stick	60	9.3kg
NMH42SS	4	2.0Ah	Stick	60	12kg
NMH52SS	5	2.0Ah	Stick	50	11.0kg
NMH24SS	2	4.0Ah	Stick	96	7.0kg
NMH34SS	3	4.0Ah	Stick	54	11.0kg
NMH44SS	4	4.0Ah	Stick	24	7.0kg

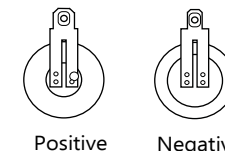
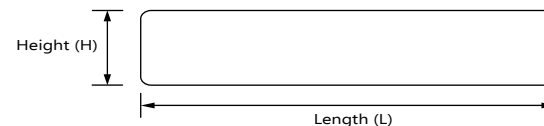


DIMENSIONS & ACCESSORIES | NICKEL METAL HYDRIDE (NiMH) BATTERIES

Model Number	Number of cells	Capacity	IEC Cell Size	Length (L) Max	Width (W)	Height (H)	Fixing (l)	Fixing (w)
NMH22SS	2	2.0Ah	'Sub-C' (SC)	86mm	23mm	23mm	(See end cap data)	
NMH32SS	3	2.0Ah		129mm	23mm	23mm		
NMH42SS	4	2.0Ah		172mm	23mm	23mm		
NMH52SS	5	2.0Ah		215mm	23mm	23mm		
NMH24SS	2	4.0Ah	18720	144mm	20mm	20mm		
NMH34SS	3	4.0Ah		216mm	20mm	20mm		
NMH44SS	4	4.0Ah		288mm	20mm	20mm		

Battery leads

Various lead options are available to order separately. Please refer to the relevant product data sheet for details or enquire with your requirements.



- [Download NMH24SS 3D Model](#)
- [Download NMH34SS 3D Model](#)
- [Download NMH44SS 3D Model](#)

Product description

- > End caps suitable for use with 'stick' 18720 size batteries
- > End cap suitable for use with 'stick' Sub-C batteries



Properties

- > Provides a convenient and secure mounting option for cylindrical batteries
- > Moulded in UL94-V0 rated plastic

NiMH Batteries - End cap ordering information		
Product Code	E/18700	E/SubC
Fixing Centres when fitted	Battery Length (L) + 16mm	Battery Length (L) + 21mm
Maximum Length when fitted	Battery Length (L) + 23mm	Battery Length (L) + 40mm

