

**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
- > Flying leads or 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

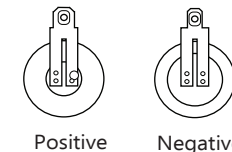
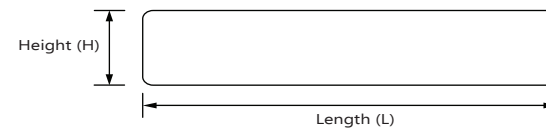


DIMENSIONS & ACCESSORIES | NICKEL METAL HYDRIDE (NiMH) BATTERIES

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.



**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

