

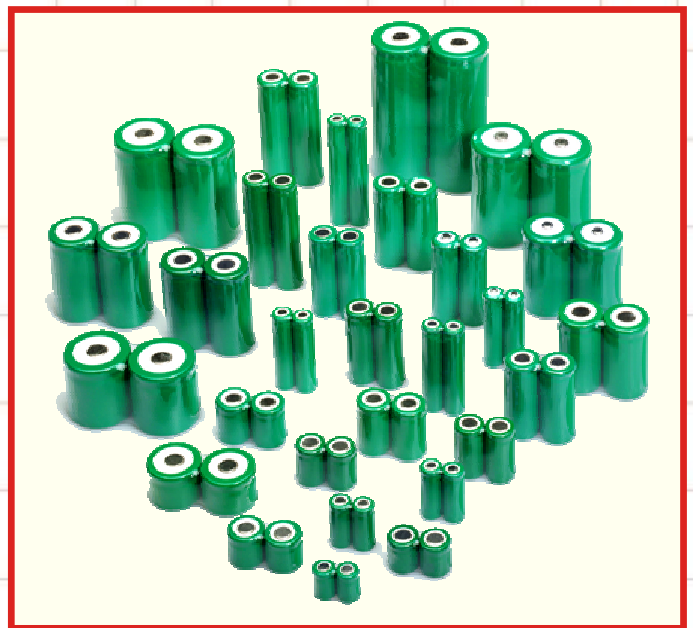
# Nickel-Metal Hydride Battery Packs

Lighter than lead acid batteries whilst being cheaper and safer than Lithium variants, Nickel-metal hydride (NiMH) is not just a good compromise but also a strong battery chemistry in its own right. Up to 100% higher capacity than Nickel Cadmium without the environmental and memory effect issues; NiMH offers a popular, flexible battery solution.

Trusted by customers in Oil & Gas, Emergency Services and the Military, DMS technologies has over 25 years experience building bespoke, high quality battery packs for a range of applications. Our flexible manufacturing facility in Hampshire allows us to offer a variety of solutions ranging from shrink-wrap to ABS casing to high-IP rated housings.

## Benefits of NiMH

- Lightweight
- High Energy Density
- Long Service Life
- Intrinsically Safe Chemistry
- Wide Operating Temperature
- Flexible Design Options



NiMH batteries offer design versatility; they are ideal for custom build designs requiring high performance. Standard cells offer high capacity and energy density with quick charging regimes. Specialist cells offer lower self-discharge rates, higher temperature performance as well as high discharge rate possibilities.

[www.dmstech.co.uk](http://www.dmstech.co.uk)

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# Nickel-Metal Hydride Battery Packs

DMS technologies has over 15 years experience in building NiMH solutions. As such we have a number of standard packs within our product portfolio.

These standard designs can also offer an initial concept for new designs where size and shape can be altered. Further battery monitoring and protection can be included as required.

Some examples of our standard packs include;

- 3.6 V 4.5 Ah      50 x 80 x 27 mm
- 4.8 V 8 Ah      63 x 68 x 68 mm
- 7.2 V 2.7 Ah      33 x 33 x 121 mm
- 9.6 V 2 Ah      48 x 70 x 35 mm
- 12 V 9 Ah      63 x 170 x 70 mm
- 24 V 13 Ah      93 x 170 x 135 mm

