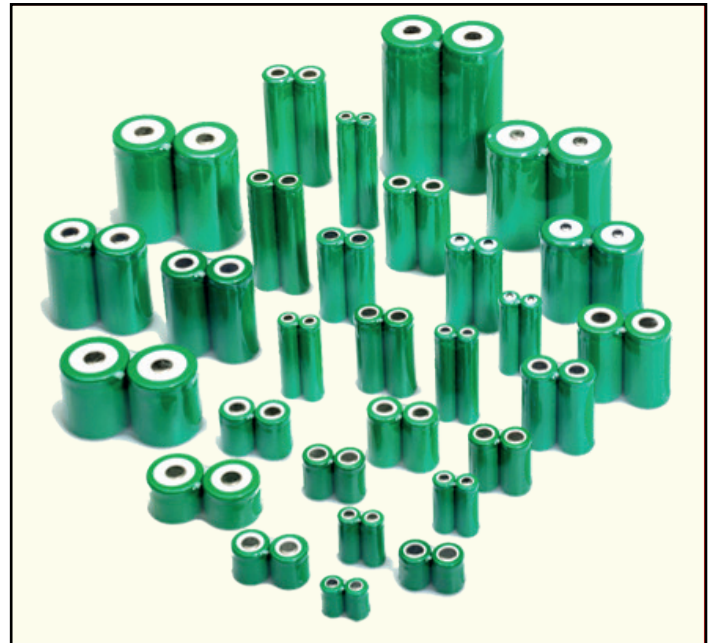


# NICKEL-METAL HYDRIDE BATTERY PACKS

These batteries are capable of providing engine start cranking pulses in excess of 2250A as well as 400 charge/discharge cycles!

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.



## **BENEFITS OF NIMH**

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

# SPECIFICATIONS

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.

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

