

# ***PRESS RELEASE***



## **DMS technologies now supplies the Ultralife range of Deep Cycle batteries**

**July 2015**

We have recently taken on a range of batteries manufactured by Ultralife, these are 12V lithium (LiFePO<sub>4</sub>) batteries that offer a direct, drop in replacement to standard lead acid batteries.

On a like-for-like basis these new batteries will give significant weight savings without the need to make adjustments to equipment. But what might prove to be the most important benefit is that lithium will last significantly longer than conventional lead acid batteries used in industrial installations, up to 10 times longer in certain applications. Furthermore, an existing lead acid battery charger can be used to re-charge these new lithium batteries in a much quicker re-charge time than conventional lead acid types.

It is the internal battery management system that allows these batteries to be used as a drop in replacement alternative to AGM or GEL batteries. The integrated management system monitors the current, voltage and temperature of the battery and the cells. When the battery is used outside of the recommended operating parameters it will react and isolate the battery from the system maintaining safety. When the source of the error is removed the system resets so that the battery can be used again.

LiFePO<sub>4</sub> is also an intrinsically safer chemistry with improved safety compared to other lithium options.

To find out more about the range of Ultralife deep cycle lithium batteries please contact Sebastian on either +44(0)1794 525400 or [slw@dmstech.co.uk](mailto:slw@dmstech.co.uk), alternatively visit our website [www.dmstech.co.uk](http://www.dmstech.co.uk) where you can download a product datasheet.