



Air Alkaline Batteries - Air Depolarized

Reduce Costs, Improve Performance & Environmental Efficiencies

Increase Road Worker Safety & Reduce Costs

Our Air Alkaline batteries offer:

- **Increased Battery Life**

6 times longer life than zinc carbon batteries with DAAB50
4 times longer life than zinc carbon batteries with DAAB25

- **Reduced Maintenance**

The longer life provided by the Air Alkaline batteries means fewer battery changes are required, increasing road worker safety and reducing maintenance costs significantly

- **Reduced Disposal Costs**

With one Air Alkaline Battery giving the equivalent life of up to six Zinc Carbon batteries, disposal costs are considerably reduced

- **Environmentally Friendly**

0% mercury, 0% cadmium and reduced toxicity

- **Reduced Shipping & Handling Costs**

Fewer batteries means less volume and significantly reduced shipment weights & costs



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DORMAN

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Air Alkaline Batteries as a Solution

Using the Unipart Dorman Air Alkaline Battery offers a service life which is greatly increased over a standard zinc carbon battery.

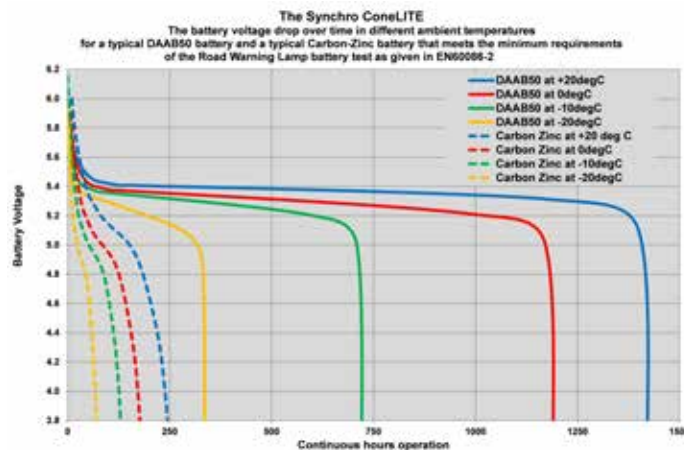
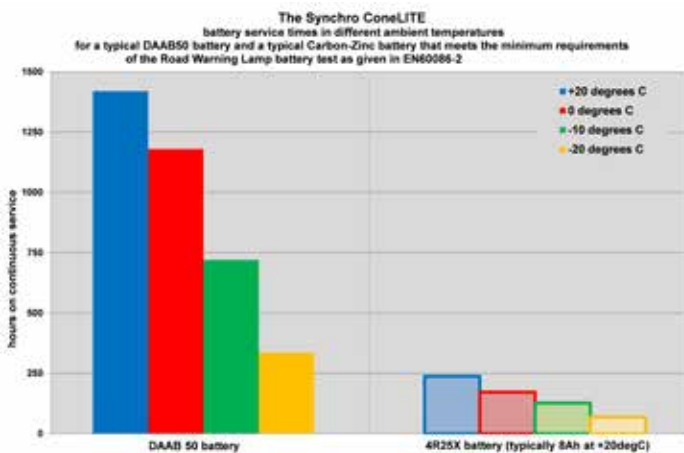
Typically, given standard ambient temperatures, the average time between battery replacements is over 1400 hours of continuous use in a ConeLITE Synchro Lamp.

Reduced battery consumption means lower disposal quantities and test show that for every DAAB50 deployed 6 standard zinc carbon batteries would have been used.

Cold Weather Performance

During winter operation is where the DAAB technology comes to the forefront. In areas which have prolonged periods of sub-zero temperatures Zinc Carbon batteries may require replacement every 48 hours which means exposing roadworkers to danger at a much greater frequency compared to DAAB batteries which can last up to 14 days.

The graph to the left shows the very rapid drop in Zinc Carbon battery voltage to a point where they stop working at roughly 3.8 volts and the more predictable lifespan over approximately 2 weeks that the DAAB battery exhibits.



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