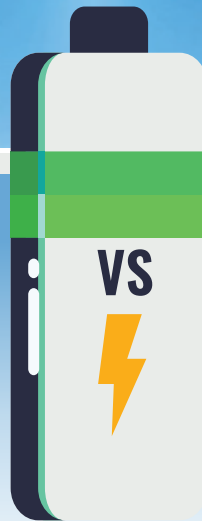


# BATTLE OF THE BATTERIES



## LEAD ACID

Lead-acid batteries are the most common type of battery in back-up power supplies. They are relatively inexpensive and have a decently long lifespan.



## LITHIUM ION

Lithium ion batteries are becoming increasingly popular in back-up power supplies due to their high energy density, low weight, and long service life.

**PROS:** More cost-effective in the short-term for back-up power. Lead-acid batteries are also relatively easy to maintain and can be recharged with a standard AC power source, making them a popular choice for industrial applications.

**CONS:** Lead-acid batteries are heavy, can be difficult to transport, require periodic maintenance, and can be hazardous to handle.

**PROS:** Lithium batteries are lightweight and have a high energy density. Ideal for applications requiring portability. Additionally, they are more efficient than lead-acid batteries and require no maintenance. Less expensive in the long term.

**CONS:** More expensive in the short-term, and some manufacturers (not Minuteman) design products without a battery replacement option due to the 10+ year lifespan.

\$ .....	PRICE.....	\$\$
300-400 .....	CYCLE LIFE.....	3,000+
Standard .....	RUNTIMES.....	Longest
3-5 Years .....	LIFESPAN.....	10+ Years
Medium .....	MAINTENANCE.....	None
\$\$\$.....	LONG TERM COST.....	\$

***When it comes to back-up power supplies, each type of battery has its advantages and disadvantages, but the right choice for your back-up power supply depends on your needs. Give our experts a call to discuss your power needs at 972.446.7363.***