



# Carbon foam batteries for solar

Why do we use carbon foam in our batteries?

Compared to lead plates, one of the main components of all lead acid batteries, carbon foam delivers longer service life, increased energy efficiency and better performance under extreme conditions. That's why we used it to create our revolutionary Firefly MCF battery.

What are Firefly carbon foam AGM solar batteries?

Firefly carbon foam AGM solar batteries are unique American-invented technology providing extra-long life, high amp charge & discharge, outstanding PSOC (partial state of charge) performance, and outstanding performance in very hot or very cold conditions. They were invented in the Caterpillar R&D labs after several years of development and patented in 2005.

Do you still recommend Firefly carbon foam batteries?

While I still think carbon foam technology has huge potential, I have been hearing credible and disturbing accounts of quality control problems and premature failure and therefore no longer recommend Firefly carbon foam batteries. Let me start off by saying that I'm a huge Firefly carbon foam battery fan boy.

What is microcell carbon foam?

Developed by scientists at Firefly Energy, Microcell Carbon Foam is a material that's revolutionizing the battery industry. Compared to lead plates, one of the main components of all lead acid batteries, carbon foam delivers longer service life, increased energy efficiency and better performance under extreme conditions.

Why do we use Firefly carbon foam?

That's why we used it to create our revolutionary Firefly MCF battery. Firefly carbon foam design resists sulfation and corrosion (two of the primary causes of failure in lead acid batteries), while dramatically increasing the surface area within the battery, resulting in greater energy capacity, faster recharges, and deeper discharge capability.

Are Firefly carbon AGM batteries better than lithium batteries?

Firefly Carbon AGM batteries have better hot and cold weather performance and charge faster than Lithium batteries. They also can't suddenly catch on fire or have thermal runaway issues like Lithium batteries. Firefly Carbon AGM batteries are 50-60% less costly and have around 80% of the life expectancy of Lithium batteries. Contact us for a solar battery quote.

Looking for best cost, low prices, best performance, longest life span on deep cycle solar batteries? 50-60% less costly than Lithium batteries with 80% of the life expectancy, Firefly Carbon AGM batteries charge faster and have better ...

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Contact us for free full report

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