

CELL POWER

Lead Carbon CPXC series

The lead alternative for lithium batteries

- Up to 3500 cycles, 5 times more than AGM
- Resistant to short and deep discharge
- Very suitable for intermediate loads
- Suitable for a wide variety of applications
- 2 years warranty



Longer lifespan

The carbon reduces internal resistance and prevents sulfation, extending lifespan and reliability even under deep discharges of up to 80%.



Robust

Lead Carbon batteries are ideal for long-term use due to their excellent performance with partial charging, low temperature operation, and maintenance-free design.



Compatibility

Lead Carbon batteries can directly replace AGM batteries and combine the benefits of supercapacitors and lead-acid batteries, providing high energy and power density.



LEAD CARBON EXPLANATION

Lead Carbon batteries perform reliably in challenging environments, handling a wide range of temperatures from extreme cold to intense heat, making them ideal for outdoor and industrial use. They are environmentally friendly due to their full recyclability, and their resistance to deep discharges and partial state-of-charge operations suits them well for renewable energy systems. This durability reduces the need for frequent replacements, lowering both downtime and costs. Additionally, their modular design allows for easy expansion to meet increasing energy demands, ensuring they remain a dependable option for diverse energy storage needs across various industries.

VERSATILE & RELIABLE



Security (Mobile Camera Systems):

Lead Carbon batteries, like those in the CPXC series, are ideal for mobile camera systems used in security applications. These batteries offer a long lifespan, fast charging times, and reliable performance under various conditions. Their high power output makes them perfect for applications where continuous use and reliability are crucial, such as in mobile surveillance systems



Mobility:

In mobility applications, such as electric scooters, wheelchairs, and other electric vehicles, CPXC batteries deliver excellent performance. Their resistance to deep discharges and efficient charging capabilities make them particularly suited for applications where frequent charging and discharging are required. Additionally, the robustness of Lead Carbon technology ensures a longer lifespan, even under demanding conditions.



Marine & Leisure:

In the marine sector and for leisure vehicles, such as boats, caravans, and campers, CPXC batteries are ideal due to their high power, long lifespan, and excellent performance in low temperatures. These batteries are resistant to the vibrations and inclines often encountered in these applications and provide reliable energy storage for navigation, safety systems, and other onboard electrical devices.



Cleaning:

For cleaning equipment, such as industrial scrubbers and sweepers, CPXC batteries provide high reliability and low maintenance requirements. These applications often demand powerful, durable energy sources that can withstand regular charge and discharge cycles. Lead Carbon technology ensures these batteries last long and perform consistently, even under intense use.



ESS & UPS:

Energy Storage Systems (ESS) and Uninterruptible Power Supply (UPS) greatly benefit from the Lead Carbon batteries in the CPXC series. These batteries offer high efficiency, fast charging capacity, and long lifespan, essential for systems that store energy from renewable sources like solar and wind. They are robust enough to withstand multiple charge and discharge cycles without significant capacity loss, making them ideal for large-scale energy storage solutions.

RANGE

| Voltage (V) | Capacity (Ah) |
|-------------|---------------|
| 2 | 500 - 1200 |
| 6 | 225 - 300 |
| 12 | 20 - 250 |

BATTERY CHARGERS

Our Lead Carbon Series batteries are best paired with our CCLC and CCP battery chargers for optimal performance and longevity.

