

The MCC102 charger identifier

Beyond telemetry, the device solves a different problem: charger lock-in. Most multi-charging systems require an identifier on the battery providing the charging profile. Once you have decided to equip your batteries with an identifier, you are locked in on chargers of that manufacturer.

The MCC102 unifies your lead-acid fleet under one identifier that communicates the correct parameters and presets to every charger brand at your station. Run multiple manufacturers, relocate equipment freely, and stop depending on a single charger supplier.

Today it identifies with Minit Charger® and ACT® systems at the same time. PosiCharge® GCAN support is on the roadmap.

Setup software lets you configure and save your charging profiles directly on the device. No cloud connection required.



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READY TO SEE WHAT YOUR FLEET IS REALLY DOING?

Request a fleet baseline assessment.
Talk to us about your infrastructure and requirements



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GREAT DECISIONS REQUIRE GREAT DATA

Colibri Universal Battery Telemetry
Model MCC102

Why fleets buy the MCC102

Finance: See what converting to Colibri Energy lithium batteries would actually save you. Proven on your own fleet's real usage.

Operations: Verify how many vehicles you actually need, and where your charging stations create a bottleneck. Measured, not guessed, in 30–90 days.

Maintenance: One device that gets your lead-acid batteries talking to any charger, and flags trouble, like overdischarge before it becomes a failure.

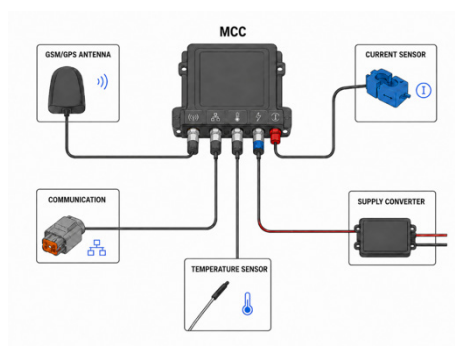


The fitness tracker for your battery

Dozens of telematics systems serve ground support equipment, purpose-built or generic. They all however focus on access management, driver safety, location. A few show battery state of charge. None go further. None of them listen to the most important component in your fleet: the battery.

Most fleets are guessing at their real utilization, their true energy cost, and why batteries fail early. That guessing is expensive. Think about a fitness tracker that only counted steps. You would not use it. Your equipment and battery deserve the same standard: real performance data, day in, day out.

No work happens without energy, and all of it comes from the battery. That makes it the best source of truth for your operation: bottlenecks, peak demand, everything.



Colibri Energy has run this battery-centric telemetry model for customers for years. Now it extends to every unit in your fleet still running on lead-acid, inside the same software you already use to monitor your Colibri assets. Step one: see the real numbers on your existing fleet. Step two: decide on lithium conversion. No purchase required to find out.

The MCC102 brings Colibri Lithium-grade data to your lead-acid and legacy batteries:

- Spot a failing battery before it fails: live current, voltage, and temperature
- See exactly when a vehicle ran, charged, or sat idle
- Know your true energy cost, not an estimate
- See how lead-acid stacks up against lithium, on your own numbers
- Data ready for your sustainability reporting
- Plan fleet size around real seasonal and peak demand, not guesswork
- Receive warnings before overdischarge

Sample use cases:

- Compare energy savings and utilization between a lead-acid fleet and a Colibri lithium fleet
- How much charger time is actual charging, versus vehicles sitting idle and blocking the station?
- How often were low-voltage thresholds breached?



All of this runs on a single compact device. The cloud platform keeps expanding. Pricing is scoped to your fleet, on request. There's more. Turn the page to see how the MCC102 ends charger lock-in and makes it easy to relocate equipment across stations with different hardware.