Battery Compatibility

Victron inverter/chargers, inverters, chargers, solar chargers, and other products work with common lead-based battery technologies such as AGM, Gel, OPzS, OPzV, traction batteries and more.

We also provide some documentation and guidelines for other battery or energy storage technologies that require deeper integration and communication between the power electronics and the battery management hardware.

These are sometimes controlled via the CANBus on a GX device, require special settings or parameters, and proper operation requires testing and adjustment by both battery manufacturer and Victron.

Specific information about compatible batteries that have been tested and are supported:

- Aquion AHI
- AXIstorage 7S/9S
- BattleBorn
- Bluenova Energy Storage
- BMZ ESS 7.0 / ESS 9.0 / ESS X and ESS Z
- BSLBATT Lithium battery
- BYD B-Box
- Discover AES
- Freedomwon Lithium
- Greenrock
- LG Chem Resu - (Grid Connected ESS Only)
- MG Energy Systems
- Pylontech
- Redflow ZBM2 / ZCell
- Rolls LFP
- SimpliPhi Power
- SolarMD
- Victron Lithium Batteries

Unsupported 3rd Party Battery BMS

There are many other 3rd party options on the market, and some claim compatibility with Victron. If they are not listed above, from Victron's perspective they are considered untested, and unsupported.

Ongoing support and features may be limited if you use a 3rd party battery that is not listed as supported above.

While we always recommend to use the known-compatible options above first, if you choose an unsupported option please seek support from that 3rd party supplier.

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