

Rec active bms

REC Active BMS for 4 cells connected in series with active bi-directional balancing. As a single stand-alone unit it is perfect for 12 V systems, where there is a need for replacing lead-acid batteries with lithium battery cells.

REC BMS Master – Slave configuration is suitable for higher voltage systems. In combination with 2Q BMS it allows to connect up to 240 cells. It offers multiple programmable relays and digital outputs.

REC is a world-wide company oriented in research and development of electronic solutions in environmentally friendly applications ranging from EV to PV installations. We specialize in applications for managing battery systems. Our customized solutions are implemented in diverse applications: planes, boats, hybrid and electric cars, test systems, motorcycles, solar powered plants, energy storage, etc.

Our REC BMS Q series with integrated CAN communication protocol can manage up to 16 cells in series. Compatible also with CAN supported ESS inverters for integrations in PV systems, like SMA Sunny Island, Victron Energy, Studer, Stecca Innotec, GoodWe, Solax, Solis, etc.

REC BMS Master – Slave configuration is suitable for higher voltage systems (up to 800 V) or for 48 V in parallel connection. It allows to connect up to 240 cells in series with REC 2Q BMS as Slave units and it is compatible with all REC BMS products.

The REC Active BMS is designed for 12V systems, providing advanced battery management with 2A active cell balancing. It's compatible with Victron, WS500, and supports a variety of Lithium-Ion chemistries.

NOTE: This is one of the few 12V BMS's that provide full DVCC control of your Victron system using the CerboKey features include IP65 enclosure, precision measuring, temperature sensors, shunt current measurement, and extensive communication options including RS-485 and CAN.

The tool works well. It reliably establishes coms with the regulator and provides access to the state of the unit. Programming is straightforward and the Help function, which is critical, is complete.



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