

Nivation Energy's new fifth generation battery management system can provide up to a 25% cost per kilowatt-hour (\$/kWh) reduction over their fourth generation BMS when used in 1500 Volt stationary energy storage systems.

The Low-Voltage BMS is a complete Battery Management System and can be expanded with a G4 Cell Interface module. To purchase spare parts or a kit, please visit the nStore. If you need technical support, please contact our product support team.

Designed specifically for lithium-ion battery chemistries, Nivation Energy's new fifth-generation battery management system supports up to 1500 V DC battery stacks and modules that use cells in the 1.6 V - 4.3 V range. The G5 BMS offers cutting edge features such as continuous cell balancing and the ability to manage 2

Nivation Energy's Low-Voltage BMS is used in commercial and residential energy storage applications, specialty vehicles, telecom power backup systems and more. It provides cell balancing and charge management and can be configured for most battery chemistries.

Nivation Energy, a leading provider of battery management systems (BMS) to energy storage companies, has announced that their most recent product release, the G5 BMS, is now shipping in...

The Low-Voltage BMS is designed for input voltage of 11-60 V DC. It can manage up to 12 or 16 battery cells in series, and can be expanded to manage additional cells with a Nivation Energy G4 Cell Interface module. Additional items, like contactors and current shunts, are required to complete the stack solution.

Nivation Energy's Low-Voltage BMS is a UL 1973 Recognized battery management system that provides precise battery management and additional layers of safety assurance with features such as open wire detection, smart stack connection and disconnection, and sequential contactor disconnect under load.

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Nivation designed a custom battery management system for a large LiFePO₄ (LFP) battery module that resembled a suitcase-sized cordless drill battery. The pure-hardware, microcontroller-free solution simplified

development by eliminating software overhead.

Web: <https://www.gennergyps.co.za>