

LITHION BMS

Empowering Mobility & Energy Needs of Tomorrow: India's Leading BMS Manufacturer.



SMART BMS (AIS-156 CERTIFIED) / SEMI-SMART BMS / HARDWARE BMS

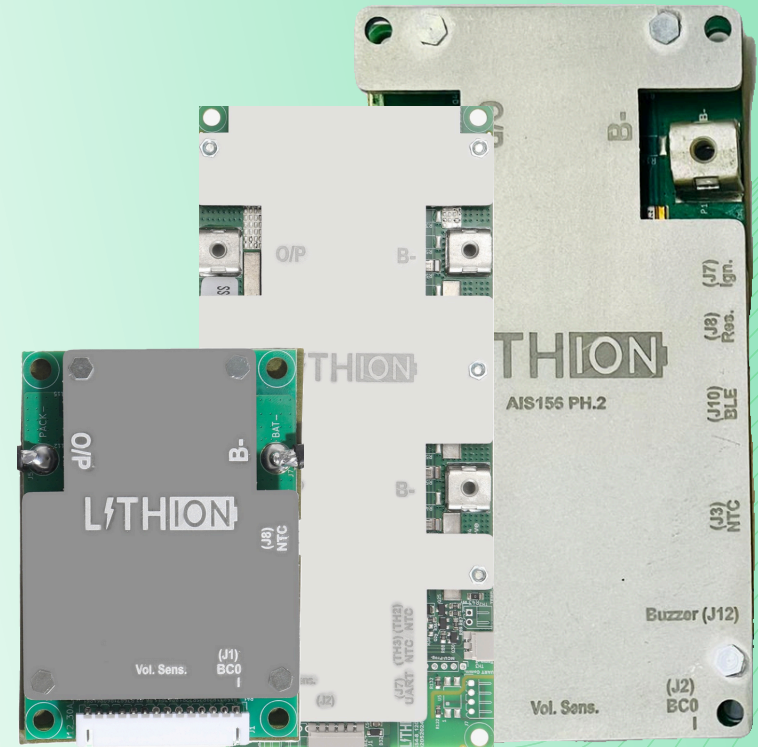
Applications : EV-2W/3W, Solar, Inverter, Toys, Robotics, POS Machines.

Features : Communication through UART/CAN/Bluetooth/RS485,

AIS-156 Approved, EMI/EMC Tested.



At Lithion Power, we envision a world where energy is harnessed efficiently, sustainably, and intelligently. Established with a passion for technological advancement, we specialize in designing and manufacturing state-of-the-art BMS solutions that elevate the performance, safety, and lifespan of rechargeable battery packs.



Our advanced BMS is designed to revolutionize the way you manage, monitor, and optimize your battery systems, ensuring unparalleled performance, longevity, and safety. at Lithion power we are having three type of BMS -

- Hardware BMS
- Semi Smart BMS
- Smart BMS

Specifications

Cells	3S to 16S
Chemistry	LFP/NMC
Cont. Current	10-100A
Peak Current	20-200A
Applications	E-bicycle, EV-2W/3W, Inverter, Solar.

Features



Superior Short Circuit Detection



Over Temperature Cut-Off



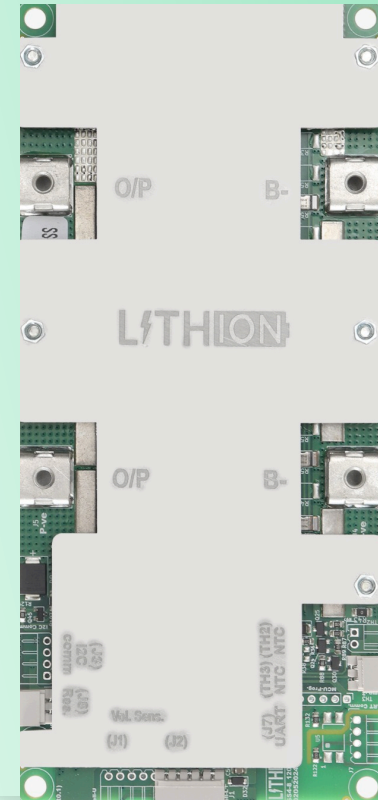
Proactive Support

Hardware BMS



Specifications

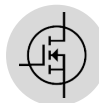
Cells	4S to 24S
Chemistry	LFP/NMC
Cont. Current	10-100A
Peak Current	20-200A
Communications	Isolated UART
Applications	E-bicycle, EV-2W/3W, Inverter, Solar.



Features



Configurable Parameters



MOSFET based



Proactive Support



Superior Short Circuit Detection



Less Complexity



Over Temperature Cut-Off



Specifications

Cells	7S to 24S
Chemistry	LFP/NMC
Cont. Current	30-200A
Peak Current	80-350A
Communications	CAN, RS485, BLE
Applications	E-bicycle, EV-2W/3W/L5, Inverter, Robotics.

Features



Fully Programmable



Configurable Parameters



Superior Short Circuit Detection



MOSFET /Contactor based



Thermal Runaway Detection



Data Storage



Less Complexity



IOT Enabled



SOC based Cut as Per Requirement



Proactive Support

Smart BMS
(AIS 156 certified)



Our BMS intelligently manages battery health through continuous monitoring and advanced safety features. Whether it's our hardware, Semi-Smart, or Smart BMS, Lithion Power ensures your energy storage is at its best.

Choose Lithion Power for a BMS that not only meets industry standards but exceeds expectations, providing you with the confidence and reliability you need for your energy storage solutions.

Connect with Us:

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