

MuscleGrid 15S 100A Smart BMS for LiFePO4 Battery (48V · CAN/Bluetooth)

Smart BMS · 15 cells · 100A continuous · CAN/UART · Bluetooth app

Type	Smart BMS (battery management system)
Supported cells	15S LiFePO4 (48V nominal)
Continuous current	100A
Chemistry	LiFePO4 (LFP)
Communication	CAN + UART / RS485
Monitoring	Bluetooth app — cell voltage, current, temp, SOC
Balancing	Passive cell balancing
Temperature	Dual NTC probes
Protection	OCP / OVP / UVP / SCP / OTP
In the box	BMS unit + balance-lead harness

Important: This is a lithium battery **component** sourced and quality-checked by MuscleGrid and labelled under the MuscleGrid brand — it is **not manufactured by MuscleGrid** and is **not BIS-certified**. It is intended for DIY / integration use by people who know how to build and wire lithium packs. It is **not a charger**. Cover is **DOA-only** (report a dead-on-arrival unit within 48 hours) unless a warranty option is purchased. Shipping is charged at actuals. Full terms: musclegrid.in/policies/accessories/