

MuscleGrid 17S 50A Smart BMS for LiFePO4 Battery (54V)

Smart BMS · 17 cells · 50A · LiFePO4 · Bluetooth

Type	Smart BMS (battery management system)
Supported cells	17S LiFePO4 (54V nominal)
Continuous current	50A
Chemistry	LiFePO4
Monitoring	Bluetooth app — cell voltage, current, temp, SOC
Balancing	Passive cell balancing
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/