

MuscleGrid 16S 100A Smart ESS BMS with LCD Display (48V LiFePO4)

Smart ESS BMS · 16 cells · 100A · LCD display · RS485/CAN · Bluetooth

Type	Smart ESS BMS (battery management system)
Supported cells	16S LiFePO4 (48V nominal)
Continuous current	100A
Chemistry	LiFePO4 (LFP)
Display	LCD display module
Communication	RS485 + CAN
Monitoring	Bluetooth app (Android/iOS)
Balancing	Intelligent 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/