

# MuscleGrid 17S 30A Smart BMS for LiFePO4 Battery (54V)

Smart BMS · 17 cells · 30A · LiFePO4 · Bluetooth

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Type               | Smart BMS (battery management system)            |
| Supported cells    | 17S LiFePO4 (54V nominal)                        |
| Continuous current | 30A                                              |
| 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/](https://musclegrid.in/policies/accessories/)