

150Ah / 200Ah Lead-Acid Replacement LiFePO4 Battery

Model: LU-LAR150200

Overview

Drop-in LiFePO4 replacement for lead-acid batteries. 150Ah/200Ah, 12.8V, same size but 3x lifespan. Built-in BMS, 6000+ cycles. For solar, golf cart, marine. CE, UN38.3 certified.

Technical Specifications

Parameter	Value
Nominal Voltage	12.8V
Capacity Options	150Ah / 200Ah
Energy	1920Wh / 2560Wh
Chemistry	LiFePO4
Cycle Life	≥6000 cycles
BMS	Built-in, multi-protection
Terminal	M8 bolt (standard)
Weight	~50% lighter than lead-acid

Key Features

- Direct drop-in replacement for lead-acid
- Available in 150Ah and 200Ah capacities
- 12.8V nominal, compatible with 12V systems
- Built-in smart BMS
- 6000+ cycles — 3x longer than lead-acid
- 50% lighter than equivalent lead-acid
- Zero maintenance required
- No acid, no fumes, fully sealed

Applications

Solar street light / CCTV • Golf cart / electric vehicle • Marine / RV power • UPS backup system • Existing 12V lead-acid upgrade

Certifications

CE Certified, UN38.3 Certified, RoHS Certified

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Dongguan Factory, Guangdong, China | Yiwu Showroom, Zhejiang, China

Specifications are for reference. Confirm exact dimensions, weight and terminal details with the factory before ordering. OEM / ODM available.