

Power pack LiFePo4 4S 12.8V 105000mAh 4S7P 3C with BMS 315A Dis

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Value Battery Chemistry LiFePO4 (Lithium Iron Phosphate) Configuration 4S7P
Nominal Voltage 12.8V Rated Capacity 105Ah (105,000mAh) Energy Storage ~1344Wh Cell Type
A-Grade Cylindrical / Prismatic Cycle Life 3000+ cycles Charge Voltage 14.6V CC/CV Standard
Charge Current 30A 50A Fast Charge Capability Up to 70A Continuous Discharge Current 100A
Peak Discharge (5 10 sec) 200A Internal Resistance Low impedance optimized Operating
Temperature (Discharge) 20°C to +65°C Operating Temperature (Charging) 0°C to +55°C Storage
Temperature 10°C to +45°C Protection Board Type 100A BMS with auto cell balancing (Smart
BMS OPTINAL) Approximate Size (L ×W ×H) 260mm ×170mm ×195mm (Customizable) Weight 7.2 kg
8.5 kg (depends on final build and connector type) External Casing PVC Heat Shrink / ABS /
Metal Case (Optional)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 12.8V
Capacity: 105000mAh
Energy: 1344Wh
Chemistry: LiFePo4
Maximum / BMS Current: 315A
Cycle Life: 3000+ cycles
Charging Voltage: 14.6V
Product Category: 4 Cell 12V LiFePo4 (LFP) Battery Pack (12.8V-14.6V)

PRODUCT DESCRIPTION

Power pack LiFePo4 4S 12.8V 105000mAh 4S7P 3C with BMS 315A Discharge LFP Battery pack The
Power Pack LiFePO4 4S 12.8V 105000mAh (105Ah) high-capacity lithium iron phosphate battery
is engineered for demanding power applications requiring exceptional output, long lifecycle,
and industrial-grade stability. Built using premium A-grade LiFePO4 cells, this battery pack
delivers consistent performance with extreme durability, supporting over 3000+ charge
cycles, ensuring a long operational lifespan of 8 15 years.12.8V 105000mAh LiFePO4 Battery
Equipped with a heavy-duty 100A BMS, the battery provides complete protection against
short-circuit, overcurrent, overcharge, and thermal overload while maintaining balancing
between all cell groups. This pack is ideal for high-load systems such as electric mobility,
solar storage, inverters, robotics, marine use, golf carts, forklifts, and portable energy
modules. Key Features ? Extra-high discharge capability (200A continuous)? Longer lifespan
vs Lead Acid (10×more cycles)? Lightweight yet powerful design? Fast charging supported?
Very low self-discharge (<2% monthly)? Fire-safe LiFePO4 chemistry Suitable Applications
Application Compatibility Solar Energy Storage ????? Home Inverter / Powerwall ?????
Electric Vehicles ????? E-Rickshaw / Golf Carts ????? Marine / Boat Power ????? Robotics /

PRODUCT DATASHEET

Heavy Machinery ????? UPS & Backup Systems ????? Camping, RV, Off-Grid Power ?????