

Power pack LiFePo4 4S 12.8V 60000mAh 4S4P 3C with BMS 180A Disc

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Product Name Power Pack LiFePO4 4S 12.8V 60000mAh (60Ah) with 180A BMS
Battery Configuration 4S4P Nominal Voltage 12.8V Nominal Capacity 60000mAh (60Ah) Battery
Chemistry Lithium Iron Phosphate (LiFePO4) Cycle Life 4000+cycles Charging Voltage 14.6V
Recommended Charging Current 0.5C 1C Maximum Continuous Discharge 50A Peak Discharge
(Short Duration) Up to 100A (BMS Dependent) Operating Temperature Charge: 0°C to +45°C /
Discharge: -20°C to +60°C Storage Condition 30 60% SOC Recommended Protection Integrated
HARDWARE BMS (Overcharge, Overdischarge, Short Circuit, Cell Balancing, Temp Control) (SMART
BMS OPTIONAL) Connector Type XT90 / Anderson (Optional) Estimated Dimensions (L ×W ×H) 230
×180 ×170 mm (Approx.) Weight 6.8 7.5 kg (Approx.) Recommended Applications Solar, UPS,
Marine, Robotics, EV, Backup Power

TECHNICAL SPECIFICATIONS

Nominal Voltage: 12.8V
Capacity: 60000mAh
Chemistry: LiFePo4
Maximum / BMS Current: 180A
Cycle Life: 4000+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 60000mAh (60Ah) with 180A Smart BMS High-Output LFP Battery
Pack The 12.8V 60000mAh LiFePO4 Battery Pack is engineered to deliver high-capacity energy
storage with exceptional power delivery and ultra-long lifespan. Built using advanced
lithium iron phosphate (LiFePO4) chemistry in a 4S4P configuration, this battery ensures
reliable, stable output with minimal voltage drop even under heavy discharge. With an
integrated 50A BMS, this battery pack safely supports high current loads, making it ideal
for solar energy systems, inverters, EV conversions, marine applications, UPS backups,
robotics, and industrial equipment. Key Benefits High 50A Discharge Capability: Suitable
for motors, inverters, and high-power equipment. Full Deep-Cycle Performance: More usable
capacity than lead-acid batteries. Safe & Stable Chemistry: Zero risk of explosion, thermal
runaway resistant. Smart Battery Management System: Over-voltage, short circuit, thermal,
and balancing protection. Eco-friendly & Long Life: Ideal for long-term off-grid and
renewable energy applications. Best Use Cases This battery is suitable for: ? Off-Grid
Solar Storage Systems? Home & Commercial Inverter Backup? EV, E-Rickshaw, ATV, Golf Cart &
Mobility Projects? Telecom & Industrial UPS Systems? Marine, RV, Camping & Outdoor Power
Stations? Robotics, R&D and Professional DIY Electronics

