



ZEAL LITHIUM

In Pursuit Of Adventure

3 Year Full Replacement Warranty

12V100Ah and 12V200Ah Sizes

Superior AGM Replacement

Prismatic Cell Construction

Economical 12V Solution



Zeal Lithium 12V100Ah & 12V200Ah



SLZ12V100S



SLZ12V200S

| Specifications | 12V100AH | 12V200AH |
|--------------------------------|--------------|----------|
| Nominal Voltage | 12.8V | 12.8V |
| Nominal Capacity (25°C, 0.33C) | 100Ah | 200Ah |
| Dimensions | Length | 306±3mm |
| | Width | 167±3mm |
| | Height | 211±3mm |
| | Total Height | 241±3mm |
| Approx. Weight | 12.8kg | 26.1kg |

| Characteristics | 12V100AH | 12V200AH |
|--------------------------------------|---|----------|
| Max. Discharge Current | 100A | 200A |
| Max Pulse Discharge Current (3 sec) | 300A | 400A |
| Max Charge Current | 100A | 150A |
| Recommended Charge Current | < 50A | < 100A |
| Max Charge Voltage | 14.6V±0.2V | |
| Standby Voltage | 13.8±0.2V | |
| Cut-off Voltage | 10V | |
| Terminal type | M8 | |
| Cycle Life (100% DoD) | 1800+ | |
| Operating Temp - Charge | 0°C - 45°C | |
| Operating Temp - Discharge | -20°C - 60°C | |
| Short Circuit Release | Yes | |
| Max. Series / Parallel Configuration | 4S or 4P | |
| Cell Type | Prismatic | |
| Cell Chemistry | Lithium Iron Phosphate (LiFePO ₄) | |
| BMS Protection | Yes | |
| Warranty | 3 Years | |

About Zeal Lithium

Zeal lithium is an economical 12V Lithium Iron Phosphate (LiFePO₄) solution by Sealed Performance Batteries (SPB) which provides the core performance and safety advantages of a modern lithium battery in a sturdy design.

Backed by SPB, a company with over 25 years of experience in the energy storage industry, and designed to the best possible specifications, you can be confident that Zeal lithium has had every detail thoroughly examined in delivering a high-value solution.

Safe And Stable

Zeal provides a high degree of safety by utilising light-weight aluminum encased LiFePO₄ prismatic cells, which are among the safest and most stable lithium cells available.

It is also supported by an integrated BMS that protects against overcharge/discharge, temperature and short circuit events for complete confidence when in operation.

Core Lithium Advantages

A perfect AGM replacement, Zeal comes complete with a 3 year warranty and all the features you would expect from a LiFePO₄ product including fast recharge capabilities, low self-discharge rate, long runtime and more usable capacity for power when you need it most.

Need a larger solution? Up to 4 batteries can also be connected in parallel or series configurations to meet the needs of more demanding systems.

Applications

- Deep-cycle
- 4x4 Vehicles
- Recreational Vehicles
- Caravan / Camping
- Fast Recharge Requirements
- Low Weight Requirements
- Marine
- Golf Carts
- Not For Starting
- Not For Under Bonnet