



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