

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	483±3mm
	Width	167±3mm	170±3mm
	Height	211±3mm	241±3mm
	Total Height	211±3mm	241±3mm
Approx. Weight		12.8kg	26.1kg

Characteristics		
Max. Discharge Current		100A
Max Pulse Discharge Current (3 sec)		300A
Max Charge Current		100A
Recommended Charge Current		< 50A
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