

BMPRO ZEAL SLZ 12V100S

POWERING YOUR ADVENTURES

BMPRO 12V 100Ah Zeal Lithium battery provides the core performance and safety advantages of a modern lithium battery in a sturdy design. The battery features light-weight aluminium encased LiFePO₄ prismatic cells, considered to be the most stable lithium cells available on the market.

Integrated BMS protects the individual cells from overcharge / discharge, temperature and short circuit.

For deep cycle applications for 4WD and recreational vehicles, as well as for marine and golf carts applications.

Not for cranking / under bonnet applications.

Up to 4 batteries in parallel or series.



SPECIFICATIONS

| | |
|--------------------------------------|-------------|
| Nominal Voltage | 12.8v |
| Nominal Capacity (250C, 0.33C) | 100Ah |
| Terminal | M8 |
| Length (mm) | 306 ± 3mm |
| Width (mm) | 167 ± 3mm |
| Height (mm) | 211 ± 3mm |
| Weight | 12.8kg |
| Max Charge Voltage | 14.6 ± 0.2V |
| Standby | 13.8 ± 0.2V |
| Cut off Voltage | 10V |
| Max. Discharge Current (30 mins) | 100A |
| Max. Pulse Discharge Current (3 Sec) | 300A |
| Max. Charge Current | 100A |
| Recommended Current Charge | ≤ 50A |
| Cycle Life (100% DoD) | ≥ 1800 |
| Operating Temp - Charge | 0 - 45°C |
| Operating Temp - Discharge | -20 - 60°C |
| Short Circuit Release | Yes |
| Max. Series / Parallel Configuration | 4P OR 4S |
| BMS Protection. | Yes |

KEY FEATURES

- Economical 12V LiFePO₄ solution
- Sturdy design
- Greater capacity utilisation – 60% > SLA
Gives longer runtime than equivalent SLA
- High energy density
(less than 1/2 weight of SLA)
Lowering total weight of application
- Fast recharge Battery
Charged and ready to be used sooner
- Flat Discharge Curve
Longer run time & more efficient use of capacity
- Extremely low self-discharge rate
Can sit unused for longer periods of time
- 3 year warranty