



BATTERIES + BATTERY CARE

ZEAL 12V LITHIUM BATTERIES: 100AH / 200AH

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

An integrated battery management system protects the individual cells from overcharge / discharge, temperature and short circuits.



INVICTA 12V LITHIUM BATTERIES: 100AH / 125AH

The Invicta 12V lithium battery range has been specifically designed for replacement of similar size lead-acid batteries. The range is made up of the popular sizes found in the lead-acid range, but with the added benefits of Lithium Iron Phosphate (LiFePO₄) technology. They are ideally suited to deep cycle longer run time applications.



ZEAL 12V AGM BATTERIES: 105AH / 125AH

The Zeal 12V AGM battery range are deep-cycle AGM batteries ideally suited for a wide range of general purpose and cost-critical applications.

With very low internal resistance, they are capable of delivering high currents on demand and offers a long service life.

The Zeal AGM range is maintenance and spill free, provides strong reliability with a low self-discharge.



BATTERY USAGE BEST PRACTICES

Look after your battery and your battery will look after you!

Here are some tips to help you keep your battery in good working condition.

Battery Maintenance

- ▣ Keep your battery charged to 100%. Recharge the battery if it hasn't been used in more than two weeks.
- ▣ Clean any grime that accumulates at the top of the battery.
- ▣ Check all cables, clamps and the battery case for loose connections or damage.
- ▣ Keep all terminals and connectors clean.
- ▣ Test the battery with a voltmeter.

Phantom Loads

Getting rid of phantom loads will help keep your battery topped up.

Phantom loads, or vampire loads, are loads drawn from your battery by appliances which have supposedly been turned off.

Phantom loads are commonly caused by appliances that go into a standby mode when turned off. These are most commonly TVs, monitors or sound systems.

Voice-activated devices are generally always on as they require power to listen for voice commands.

If an appliance has some kind of LED showing after it has been turned off, it is still drawing power from your battery. Unplug these appliances from the power point when you are not using them.

Battery Storage

If you aren't going to be using your battery for a while, disconnect the battery cable to eliminate any drain. Charge up the battery every two weeks.

If you are keeping your battery in extended storage, remove it from your vehicle completely and charge it to 100%. If you are keeping it in a cold environment, charge it up every month or so. If not, charge it up every two weeks.