



AMPAC
THE POWER TO MOVE



Introduction

If you want power, reliability, performance and durability from your vehicles battery, whatever its make or model, then the Ampac range of batteries from Hi-Volt is for you.

The Ampac range utilizes the latest technology and is manufactured to the highest standard under strict environmental control to offer a superb product that won't let you down.

This premium range is sourced globally from OE suppliers and is made using Calcium Calcium technology, which meets and exceeds OE specifications.

Hi-Volt, a wholly-owned Irish company is the only battery specialist that offers the widest range and the largest stock of Lead Acid batteries in Ireland.

Customers who buy from the Ampac high quality range are assured of a high performing battery made to OE Specification, and that the manufacturing process at all times protects the Environment.

Features

Ampac comes with centred cast-on-plate straps which maximises cranking current and reduces internal resistance thus adding strength to battery plates. They have a heat sealed cover, low resistance envelope separators and wrought lead calcium grids.

Customers can be assured of minimum acid leakage due to the exclusive patented liquid gas separator.

The Ampac range offers the power to move any vehicle in any industry backed up with over 30 years of expertise, knowledge and professionalism of battery sourcing and supply.

Benefits

The use of the Ampac range of batteries as supplied by Hi-Volt has many benefits. Some include:

- Each battery is date coded so Customers know exactly when the battery was fitted
 - There is a longer shelf life of all batteries due to the Calcium Calcium technology
 - Added cranking capacity needed during cold spells
 - Calcium grids resist internal corrosion, extending the life of the battery
 - Ampac batteries can be used in both light and heavy duty applications
 - An extensive warranty for peace of mind
 - An extensive range is available for all applications
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Range

We have the full range of batteries to cater for cars, commercial, agricultural, marine, plant, leisure, taxis, motorcycle, UPS and security markets. We have batteries to cater for every conceivable application.



Autopac

Autopac is the range of automotive batteries within the Ampac range. Autopac covers 98% of the required range for the car industry within Ireland.

Autopac is manufactured to the highest standards, taking into account the demands of a modern vehicle. Equipment such as climate control, sat-nav, heated windscreens etc. All of these place extra demands on your vehicles battery. Autopac is manufactured not only to meet but to exceed your vehicles requirements whatever they may be.

Benefits

- Each battery is date coded
- Longer shelf life of all batteries
- Extra cranking capacity because of Calcium Calcium technology
- Extension warranty
- Carry handle as standard
- Consistent quality because of quality control systems in place

Applications

- Petrol vehicles
- Diesel vehicles
- Light commercial vehicles
- Plant equipment

Car owners can rely on the Autopac high quality product because it does exactly what it says - it offers premium technology and OE specification.



Transpac

Transpac represents our commercial vehicle battery range within the Ampac high quality range. Transpac is specifically manufactured to cater for heavy duty commercial applications where starting performance and long life span is required. Extra cranking amps and deep cycle construction insures reliability.

Transpac is manufactured keeping in mind the demands a modern commercial vehicle places on its electrical systems. Standard equipment such as inverters, night heaters, extra lights etc places significant extra demand on a commercial vehicles battery. Transpac meets and exceeds these requirements.

Benefits

- Heavy duty construction aimed at these demands
- Deep cycle ability
- Higher capacity
- Increased cranking amps
- Anti-vibration plate support for longer shelf life
- Maintenance free construction
- Longer shelf life

Applications

- Heavy commercial vehicles
- Agricultural machinery
- Heavy plant and machinery

Maintenance free technology is employed to avoid time consuming battery maintenance and thus helps the bottom line for the commercial battery user.



Playpac

Playpac is our deep cycle marine/leisure range of batteries within the Ampac range. These batteries are manufactured using heavy duty thicker plates, high density paste, anti-vibration support and glass matt separators. This feature extends battery life and durability.

Constructed with bound electrolyte in glass matt, the case is more than 15 times more vibration resistant than a conventional case. It provides better utilisation of cell volume and gives 250 cycles to 75% discharge. As with all batteries in the Ampac range, it comes with a carry handle.

Benefits

The Playpac battery range is ideal for the leisure industry for the following reasons:

- There is no water loss and is completely maintenance free
- It offers consistency of performance
- There is improved durability with increased cranking power
- Low self discharge means its environmentally friendly
- The battery itself is of universal replacement

Applications

The Playpac leisure battery can be used in the following applications:

- Cleaning machines
- Motive power
- Boats
- Mobile campers & caravans
- Golf buggies
- UPS
- Car audio & Hi-Fi
- Taxis
- Utility vehicles
- Electrical vehicles



01 Centered Cast on Plate Straps

Maximises cranking current and reduces internal resistance, also adds strength to battery plates.

02 Exclusive Patented Liquid Gas Separator

Ensures minimum acid leakage and reduces risk of explosion.

03 Heat-Sealed Covers

Prevents leakage between cells and ensures strong battery integrity.

04 Low Resistance Envelope Separators

Maximises durability and life span and provides excellent starting performance during cold weather.

05 Polypropylene Case

The inside wall of the polypropylene case has plate supports which helps prevent the vibration from bad road conditions which would result in reducing battery life.

06 Wrought Lead-Calcium Grids

This ensures complete maintenance free performance and minimises self discharge.



Quality Control

Hi-Volt supply and source a huge range of batteries to power a golf caddy or a power boat; a child's toy or a light-house and everything in between.

With such a wide range of batteries, Hi-Volt is committed to superior quality control, intensive testing and staying abreast of latest technologies and innovations. This enables us to stand behind the quality of every battery we sell to our customers - regardless of your industry or sector.

Over the past 12 months, we have invested in two main areas - battery testing and charging. We have a fully equipped Bitrode testing laboratory, and a smart charging facility capable of charging up to 400 batteries at once which is the only one of its kind in Ireland.

Battery Testing

Hi-Volt test every batch of batteries received using the state of the art BI-TRODE testing equipment.

All batteries are now tested to SAE standards, ampere hour and cycle life are tested where required. All this ensures our batteries meet OE specification.

Smart Charging System

We charge every automotive and commercial battery before they are sent to our customers where necessary.

Benefits

The benefits of our intensive quality control system:

- We can guarantee the quality of every battery we sell
- Only company in Ireland who can offer customers this level of reliability
- Confidence that OE specifications are been met by our suppliers
- Charging helps identify any faulty battery before been sent to the customer
- The battery is at its optimum state of charge before been fitted, maximizing starting current
- Battery life is increased by removing any sulphation that may have accorded during shipping and storage
- The battery shelf life is increased by up to 12 months



Testing Equipment



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Distribution/Service

The Hi-Volt group is the largest stock holder of lead acid batteries in Ireland. We are the only dedicated battery distributor with three distribution centres, from which we distribute our extensive range of batteries to customers across the 32 counties of Ireland.

Our main distribution centre is in Thurles, Co. Tipperary with two depots in Dublin & Belfast. Our distribution centres are a core element of the order fulfillment process.

To remain true to our ethos of providing excellent customer care and professionalism, we run our own fleet of modern delivery vehicles. In this way, we ensure on-time deliveries and order accuracy. Priced delivery dockets can be provided and we have a dedicated tele-support team who are available for any technical queries.

Warranty

With the major investment made recently into both battery testing and charging, we stand over the quality of the batteries we provide.

To add another level of reassurance that you have chosen a battery from the right supplier, we offer our customers 1-3 year warranty on our products.

We have a dedicated quality manager who liaises directly, visits regularly and provides the following assistance to customers:

- Training on battery testing and warranty administration
- Information on battery testing equipment
- Dealing with credit or replacement warranty claims
- Advice on stock rotation

In the event that there is a defect within the agreed warranty period, we work closely with our customers to ensure the right method of replacement and testing is undertaken.

Recycling

Hi-Volt is the only battery wholesaler in Ireland that has a fully licensed and permitted recycling company within the group. (Battery Recycling Ltd)

As we are committed to protecting the environment, given the material we work with, we offer a 'Cradle to Grave' service - we take back old or waste batteries.

As we are registered with WEEE Register, we are compliant under the Waste Management (Battery & Accumulators) Regulation SI 268 of 2008.

All retailers of batteries must be registered to take back old batteries by the relevant authorities. All battery importers must be registered on the WEEE registrar. Every importer of batteries must show a WEEE registration number on their invoices.

In addition, all retailers of batteries must provide conveniently located facilities for free take back of waste batteries and give them to a properly licensed company. Our customers need not worry about where to dispose of these free take back batteries as we look after the recycling of them.

The batteries collected are recycled using the best available technology.



The Hi-Volt group was established in 1998 and has grown to be the largest lead acid importer-distributor in Ireland. Based in Thurles, Co. Tipperary with depots in Dublin and Belfast, we are fully Irish owned.

We offer a unique approach to both battery sales and recycling. Our customer focus ethos has consistently delivered high quality products with a superior level of professionalism from our pre-sales and after-care sales teams.

As we are battery specialists and sell no other products other than batteries, we have built up expertise and knowledge unsurpassed and unrivalled within the industry.



Hi-Volt batteries consists of 3 trading companies, Hi-Volt, BSI and Batyre. These companies are dedicated battery distributors and stock the largest range of lead acid batteries in Ireland.

Hi-Volt has the largest stock holding in Ireland of lead acid batteries.



Hi-Volt recycling is one of the largest lead acid battery recycling companies in Ireland. We also recycle copper as well as other automotive waste including catalytic converters, tyres etc.

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