

NUMAX

THIS SEASON, WHEREVER YOU TRAVEL, TAKE A NUMAX LEISURE BATTERY.



NUMAX batteries are NCC approved; there's a battery for all applications.



THE NUMBER 1 BEST SELLING LEISURE BATTERY IN THE U.K.

Hello!

This booklet has been designed to familiarise you with leisure batteries and provide a few helpful tips on selling batteries, giving customers general advice and charging tips.

The Numax brand was launched in 2002 by Ecobat Battery (formally Manbat Ltd). Today, Numax is the most popular brand for leisure batteries in the U.K.

The Leisure battery range is made up of the most popular types for Motorhomes and Caravans in the U.K.

LV_{RANGE}

This range is maintenance free and is ideal for customers that regularly use electrical hook-up. This range is the lowest price option and provides the least amount of cycles.

DC_{RANGE}

The DC range is the most popular range and is for customers who occasionally use electrical hook-up. The DC range is maintenance free and is ideal for Motor Movers; it offers between 220 and 230 cycles.

XDCAGM_{RANGE}

The XDCAGM range is specifically designed for customers who regularly use their vehicle while off grid and rarely use electrical hook-up; the XDCAGM provides 360+ cycles. This range of batteries uses AGM Range Technology (Absorbed Glass Mat); it's this technology that gives the XDCAGM a higher cycle rate. AGM batteries can also be found in Stop-Start cars.

CHOOSING A LEISURE BATTERY

Often, customers don't know which battery they need for their leisure vehicle. Choosing a leisure battery isn't the same as a car battery, the customer needs to consider their power usage, available space and how many energy consumers they have onboard.

Leisure battery performance is measured in cycles; these cycles are what determine their NCC rating. Battery cycles refer to the number of discharge/recharge cycles the battery is capable of when discharged by up to 50% between recharging.

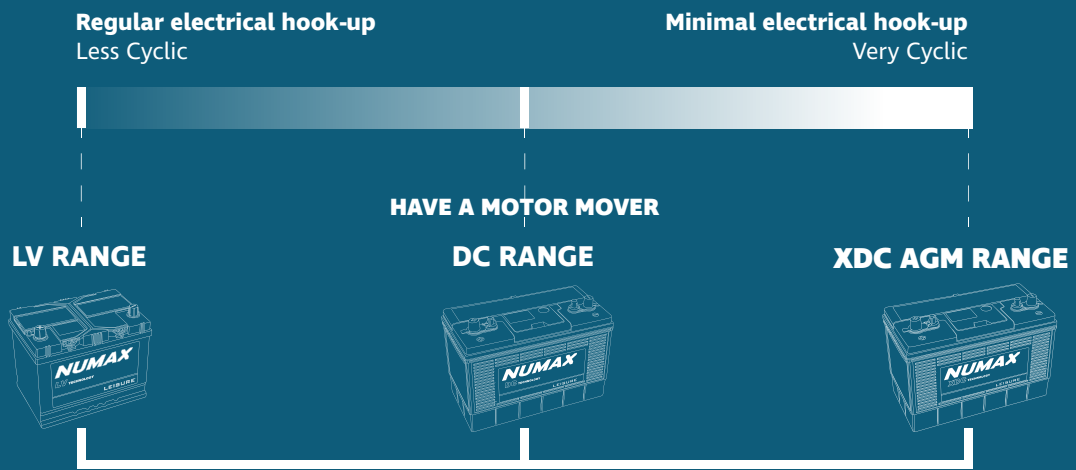
The biggest energy consumers in the average leisure vehicle are televisions, microwaves, kettles and hair dryers and motor movers.



one easy way to conserve energy is to upgrade to LED lighting!



Using the grid below, you can assist customers with their battery choice. If they're regularly hooked-up they need less cycles; if they're off grid they'll require more cycles.



CHARGING TIPS & ADVICE

Below you'll find some tips and advice for customers if they ask about charging their leisure battery. Numax Leisure chargers are specifically designed for Leisure applications and are really easy to use.

Do...

Ensure your batteries are wired and installed in the correct manner.

Charge your battery after purchase and prior to each use.

Keep the terminals and posts free from corrosion - lightly coat with petroleum jelly.

Always keep your battery fully charged - even when not in use! When not in use, store in a cool and dry environment connected to an intelligent charger.

Always keep the battery upright and adequately secured.

Always apply a charge to the battery at the end of the season and remove it from caravan/motorhome where possible, or use a permanently connected intelligent charger.

Check your caravan/motorhome for systems that draw a constant charge - e.g. tracker or alarm - as you will need to counter this draw with a constant re-charge to maintain the battery.

Dont...

If you're not using an intelligent battery charger, monitor the charge to ensure you are never over charging your battery.

Never over discharge your battery. Try to keep voltage from dropping below 12.3v. The deeper you discharge your battery, the fewer number of cycles you will achieve.

Never leave your battery in a discharged state for a prolonged period of time.

Never reverse the polarity on your battery charging leads as this may damage the battery and charger.

NCC VERIFIED SCHEME

On all Numax leisure batteries, you will find this NCC label.

The NCC scheme rates leisure batteries either Class A, B or C. It's important to note that this rating does not represent the *quality* of the battery, rather the cyclic ability of the battery. A battery's Cycles and AH are what determine its NCC rating.

The NCC verified scheme helps consumers to identify batteries trusted by the NCC (National Caravan Council).

Many customer may disregard a C rated battery in favour of an A rated battery; however, they may not require the cyclic capacity the A rated battery provides if they mostly use electrical hook-up.



LV22MF LV30MF



DC31MF DC25MF



XDC25AGM



RECYCLING

All Numax batteries are at least 96% recyclable.

Numax batteries also offer a recycling service to all customers to ensure that the raw materials of batteries aren't going to waste or being disposed of in the wrong way. If customers buy a new battery and have no purpose for their previous battery, they can return it to the store so it can be correctly disposed of.



THE RANGE

The Numax battery range available is made up of the most popular types in the U.K. There is a battery available for every budget and all applications.

Part No.	V	Ah	Dimensions	Cycles	NCC Rating
LV22MF	12	75	266x175x225	75	C
LV30MF	12	105	330x175x240	75	C
DC31MF	12	105	330x172x242	220	B
DC25MF	12	105	353x175x190	230	B
XDC25AGM	12	95	352x174x190	360	A



The most popular leisure battery is the DC25MF. This is a 'low box' and is designed to easily fit under seats.



The Numax Leisure Charger is easy to use and helps to maintain the health and state of charge of the leisure batteries, especially in the off season.

The charger simply plugs into the mains and connects to the battery terminals. The charger checks the state of the battery and changes the charging pattern accordingly. Once

the battery has been charged, it will be maintained by the charger; it's completely safe to leave the charger on the battery continuously over the off period. Using a Numax charger will prolong the life of the leisure battery and reduce warranty returns.

NOTES

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THANK YOU FOR CHOOSING

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