

# LEISURE BATTERY

## HINTS & TIPS



Thank you for purchasing your Leisure battery from BBL Batteries. **Please note the following;**

It is important to fully charge your battery before use, using a battery charger with an output of a least a minimum of 10% of the batteries capacity- i.e. (100ah battery requires a 10amp battery charger). This should ensure your battery will be charged from a 50% (12.20volts) discharge state to 100% within 12 hours (overnight).

If using a smaller output charger, i.e. 7 amps the charging time will be significantly increased, depending on the state of discharge, and could be anything up to 48 hrs.

A battery is fully charged when all cells are freely gassing. Use a hydrometer to check the specific gravity (sg) of each cell. 1.26-1.28sg is required. (Not applicable on Sealed Maintenance Free Types)

After resting for a few hours the battery voltage should read between 12.60 and 12.75 volts using a volt meter.

Try to avoid regular total discharge of your battery i.e. 11.40 volts, this will cause your battery to lose its capacity prematurely thus shortening the batteries life service. Limiting a battery discharge to 50% i.e. 12 volts will ensure a better cyclic turnaround and improve its service life.

Never leave your battery in a discharged condition, this will significantly decrease the battery service life and may, if left discharged for too long, become sulphated.

Always charge your battery at the end of the season and leave it in a cool, dry, frost free environment, preferably off the ground. Check the battery every 12 weeks and top the charge up if necessary.

Always use distilled water to top up your battery, never use sulphuric acid.

Remember, all batteries have a finite life span and if you follow these few simple rules, that life span will be longer.

The handling and proper use of lead acid batteries requires you to observe precautions with regards to health and safety.