

ELECTRIC OUTBOARD INFORMATION SHEET

WHY AN ELECTRIC MOTOR?



- Light weight, portable design, far lighter than petrol outboards.
- Completely environmentally friendly, no smell, no smoke, no noise .
- CE certified & built to ISO standards.
- VERY low noise output makes electric outboards your ideal fishing companion, you can now cruise up on that big fish in virtual silence.
- maintenance free makes electric outboards your choice for your next auxiliary engine - no more dirty carburettors, oiled up spark plugs, stale fuel -etc..
- No running costs, with the price of petrol increasing at an alarming rate electric outboards are the sensible choice

CHOOSING YOUR THE MOTOR FOR YOU

electric outboard motors offer a full range of solutions for both fresh water and salt water applications, be it fishing or kayaking ,sailing or boating in freshwater or saltwater . We carry a full range of Brands and sizes of motor

BRAND OR TYPE?

The choice of brand or type is really personal choice most of the brands with composite shafts and brackets ,Bison,Daiwa,Excursion etc all have an LED battery meter and are good for salt and freshwater and in general parts for one will fit the other .

Skakespeare,SKP, Watersnake, Jarvis walker have a metal shaft and bracket and again parts are usually interchangeable between brands .These brands usually claim to have salt water or freshwater versions but in our opinion they are all good for salt or fresh water

We also stock a range of bow mount foot control outboards for the more specialized angler

SIZE OR POWER OF MOTOR?

From the little 18 ft/lb kayak motors at weighing less than 10lbs and ideal fo kayaking and small boating to the massive 24 volt 86 ft/lb motors



- 18 lb thrust motor is ideal for kayaks,canoes and dinghy to 6' and will move a kayak or canoe at 3 or 4 mph in most conditions
- The 40 ft /lb is ideal for fisherman in boats in sheltered locations and is the a popular motor for fishers it will move most angling type fishing boats at 3 to 4 mph in reasonable conditions
- The 55 ft /lb motor is again a popular choice for anglers and is suitable for larger waters and gives that little bit extra power that can be required if the wind picks up , should move most fishing type boats in the 12 to 16 size at 4 or 5 mph in reasonable conditions
- Bison 62 ft/lb motor is a new size of outboard and will be available from March 2013 and will be ideal for the larger waters ,sea and larger fishing boats
- 86 ft/lb motors are 24 volt (2 x12volt batteries in series) and have a range of commercial uses and can move large boats



BATTERY CHOICE?

To power your electric outboard you will need a DEEP CYCLE battery, also known as a LEISURE battery.

These come in all shapes and sizes, so to help you decide what size battery to go for, you need to look at the tables below. As a rough rule of thumb, to calculate the size of battery you need, just take the max amps draw of your desired motor from the table, and times that by the number of hours you wish to use the motor. Then add 20% so you aren't completely draining your battery every time.

So, for the 55LB motor , which draws 55Amps at max speed, I wish to run it for an hour, so:

•55amps x 1hours = 55

•55 + 20% = 65

I therefore require a 65 Amp Hour battery or larger.

Also worth noting is that charge consumption at slower speeds is much less, you will draw about a quarter of the charge from your battery at low speed.

SERVICING

We have sold many thousands of electric motors since we started selling electric trolling motors almost 10 years ago. We have our own service center and technician here at Newmill where we repair and service electric outboards and electric fishing reels. We carry a range of spare parts and our technician will always be happy to give advice.



**CHECK OUT OUR FULL RANGE OF ELECTRIC OUTBOARD
MOTORS
CLICK HERE**