Quiet and Clean

The Waterworld motor drives your boat in total silence. It is a direct drive system with no gearbox. You can now enjoy the peace and quiet with clean air.

Affordable

A complete electric drivetrain including Waterworld motor can be as cost effective as a diesel installation. This is achieved by state-of-the-art manufacturing, easy installation without water cooling, and the reduced maintenance requirement.

Maximum range

The Waterworld motor is very efficient at getting the maximum out of your batteries. With the right size battery pack you can motor all day. A clear touch screen monitor will constantly show battery percentage and remaining range.

Reliable

Proven Dutch technology and easy installation ensure that you can rely on your Waterworld drive train.

Which motor is right for my boat ?

This can depend on many factors, guidelines below.

WW model	Combustion Engine	For boats up to (length, displacement)
WW 4.0 *i*	8 HP	Up to 6 meter/ 20ft length, 3 tons
WW 10.0 *i*	20 HP	Up to 10 meter/ 33ft length, 7.5 ton
WW *sh 4 - 10 kW*	Series hybrid, combined with diesel	6 - 12 meter / 20 - 40ft length, 3 - 10 tons

Please be aware that every boat is different, a sleek and lightweight boat for example will be much more efficient than a bulky and heavy one. Also, the waters that you sail are important. Sheltered waters and short distances may warrant the use of a less powerful engine than one sailing great distances on open waters. Always contact us for advice.

How fast can I go ?

For non planning displacement boats the maximum speed is effectively equal to its hull speed, the point at which the bow wave is equal to to the length of the hull at the waterline. The closer you get to hull speed the more energy is wasted making waves. A more economical cruising speed is at approximately 70% of the hull speed.

Boat length at the waterline	4 meter	6 meter	8 meter	10 meter	12 meter
Hull speed(km/h)	9	11	12.5	14	15.5
Cruising speed (km/h)	7	8	9	10	11

Please note that the above speeds are indicative, every boat is different.

How far can I go?

When you sail at an average cruising speed, it is usually possible to install enough battery power to last all day. However most people do not use their motor all day. Below are two examples of boats and battery packs that were installed:

Motor	Boat	Batteries	Capacity	Power at cruising speed	Range in hours/km
WW 4.0 *i*	5.5 meter	4 x 160 Ah/12 V AGM (lead)	5 kWh	1 kW @ 8 km/u	5 hours / 40 km
WW 10.0 *i*	8.5 meter	8 x 400 Ah/6 V AGM	12.5 kWh	2 kW @ 10 km/u	6 hours / 60 km

Please make sure to establish what you want to do with your boat, this will enable the correct battery pack to be chosen. Please ask us for advice.

How long does it take to recharge?

This does depend on the size of the battery pack that is finally chosen and also the size of the battery charger fitted. Please discuss your recharge requirements with us for the best advice.