

Fixed pod motors TREND 1.1 - 1.6

3,5 HP EQUIVALENT 5 HP

Benefits

- » First fixed-pod motor system with a portable Li-Ion battery
- » Small resistance through optimization with state-of-the-art computational models and folding propeller
- » Not visible or hearable but very powerful
- » Battery is fast stowed and carried away
- » Lithium cells from international well-known suppliers
- » Brushless motor technology
- » Customized compensation wedge for a perfect alignment available



Aquapedia

You ask – We answer

WHICH TREND FOR WHICH BOAT?

Both motor types are specially designed for sailing boats and smaller dinghies. Having satisfactory reserves for wind and wave we recommend depending on the hull type the model Trend 1.1 up to 1.5tons, and Trend 1.6 up to 1.8tons.

WHAT IS THE CRUISING RADIUS WITH ONE 640 WH BATTERY?

	Trend 1.1 with 1.100 Watt	Trend 1.6 with 1.600 Watt
Slow	06 h 30 min	04 h 30 min
Half power	02 h 30 min	01 h 45 min
Full power	00 h 35 min	00 h 25 min

The cruising radius can be doubled with a 1.280 Wh battery.

WHERE AND HOW SHOULD FIXED POD MOTORS BE MOUNTED?

Generally fixed pod motors are mounted between keel and ruder. Moreover it is better that the motor is placed closer to the keel than to the rudder. After the propeller there are hydrodynamics turbulences and therefore vibrations at the rudder can be the consequences. Furthermore the motor is also positioned at the lee side from the keel and the motor has a lesser resistance. The fixed pod motors should be mounted parallel to the waterline for having the max. thrust. This is why Aquamot supply custom-made compensation wedges which are also vibration-dumping.

WHAT IS INCLUDED AT THE STANDARD SCOPE OF DELIVERY?

Basically you are ready to start with a motor package of a Trend 1.1 & 1.6. Starting from the high efficient motor incl. propeller with display, key switch and throttle through to Lithium battery, charger and anode is everything included. Optional a customized compensation wedge and a folding propeller is available.

WHAT IS THE WARRANTY?

The warranty period is 2 years from the date of purchase for non-commercial use.

VIBRATION DUMPING COMPENSATION WEDGE

The motor should be mounted parallel to the water-line for having the optimal thrust.

Therefore the angel of compensation wedge is manufactured customized. Furthermore it also dumps vibrations due to using a special material.

Consequently a high thrust and a smooth operation is ensured.

SOLID MOUNTING

The mounting is done by 2x M10 stay bolts which are made of stainless steel.

HIGH EFFICIENT MOTOR

The high efficient motor turns the propeller with a low rpm. Due to not using any gearbox the motor is very quiet.

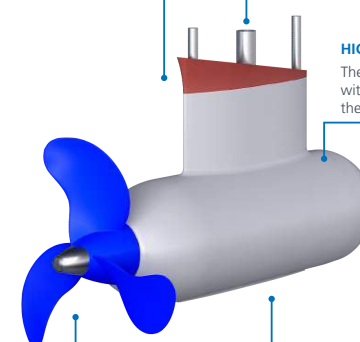
HIGH-PERFORMANCE PROPELLER

The propeller is adjusted to the motor perfectly and ensures the highest thrust on market.

Especially for sailing boats we recommend folding propellers to minimize the drag.

FLOW-OPTIMIZED ALUMINIUM HOUSING

The motor has a very less drag due to using special flow calculations. The housing consists of a sea-water resistant aluminum.



Model and accessories overview

Model	Power	Comp. thrust comb. engine ²	Thrust ¹	Integrated battery	Battery	Weight	Warranty
Trend 1.1FM	1.100 W	3,5 hp	72 lbs	Yes - removable	640 Wh - Li-Ion	10,2 kg	2 Years
Trend 1.6FM	1.600 W	5,0 hp	89 lbs	Yes - removable	640 Wh - Li-Ion	11,3 kg	2 Years
Surcharge for 1.280 Wh battery	-	-	-	-	1.280 Wh - Li-Ion	+5,1 kg	2 Years
Spare battery for Trend 1.1-1.6	-	-	-	-	640 Wh - Li-Ion	4,7 kg	2 Years
Spare battery for Trend 1.1-1.6	-	-	-	-	1.280 Wh - Li-Ion	9,8 kg	2 Years
Folding propeller	For Trend 1.1 and 1.6 for reducing the resistance						
Compensation wedge	Customized compensation wedge - max. 50mm						
Spare Propeller	For Trend 1.1 and 1.6						
Charger	For Trend 1.1 and 1.6						

¹Measured with fixed propeller