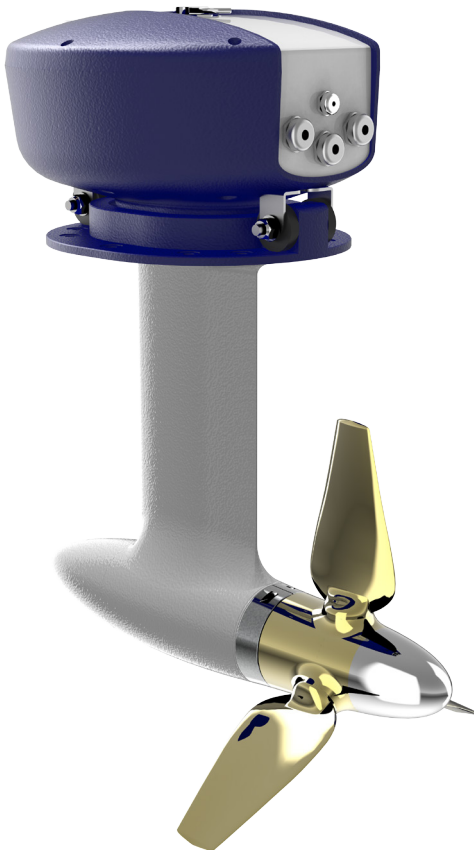




# OCEANVOLT SERVOPROP

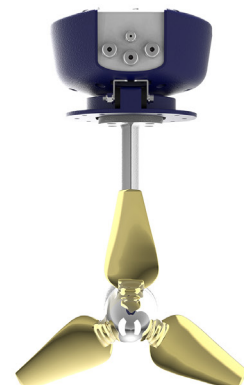
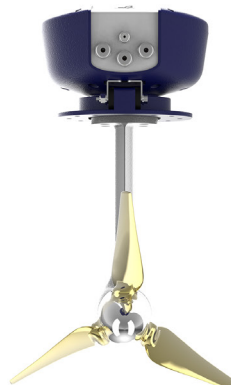
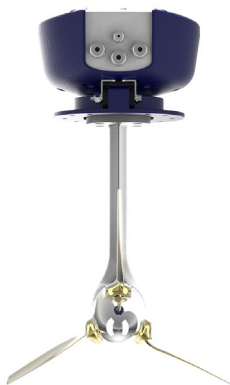
## Variable Pitch Sail Drive



The patented Oceanvolt ServoProp variable pitch sail drive combines a high efficiency sail drive with the most powerful hydro generator on the market. The unique feature of the ServoProp is the possibility to turn the propeller blades more than 180 degrees.

The software controlled variable pitch sail drive adjusts the pitch of the propeller blades automatically so that the power generation and power output are optimal. Combined with uniquely designed blades it delivers optimal efficiency in both forward, reverse and hydro generation. With the blades set to the neutral sailing position, the propeller creates extremely low drag similar to a feathering propeller.

The ServoProp generates more than double the power of a normal fixed propeller (that by nature does not have the blades ideally shaped for regeneration) at a given boat speed. ServoProp is capable of generating more than 1 kW at 6-8 knots. The power generated can be used to power both the propulsion system as well as all the electronics on board without the need to have a separate generator. With this in mind we can definitely start talking about the possibility of a totally self-sufficient cruiser!



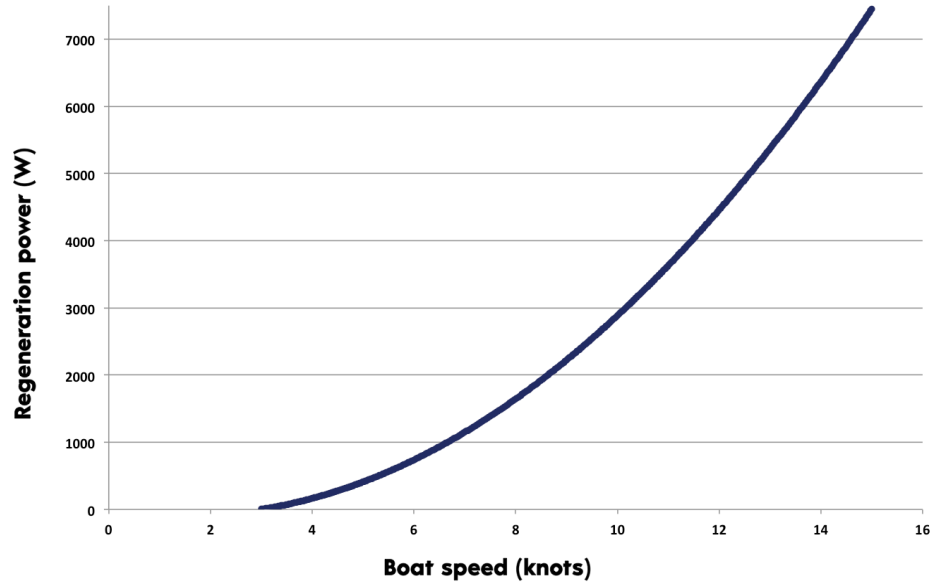
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The benefits of ServoProp include an estimated +30% increase in forward propulsion, +100% in reverse and +300% increase in hydro generation effect.

The ServoProp is suitable as a propulsion motor for monohulls up to 50 ft & multihulls up to 60 ft. It can also be used as a hydro generator in boats up to 100 ft.

### Regeneration power Oceanvolt variable pitch sail drive



## Technical specifications:

Motor	SD10	SD15
Nominal power	10kW	15kW
Nominal voltage	48V	48V
Motor speed	2200 rpm	2200 rpm
Maximum current	195 A	290 A
Maximum thrust	2 kN	3 kN
Propeller diameter	17"	17"
Weight	65kg	65kg

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