



# OCEANVOLT ELECTRIC SAIL DRIVE MOTOR

Light weight combination of a powerful sail drive motor and hydrogenerator.  
48V synchronous permanent magnet motors with low drag & silent saildrive design.



## Oceanvolt SD Serie

Designed for folding propellers



## Oceanvolt ServoProp

Unique variable pitch propeller

## Oceanvolt ServoProp

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.

- +30% increase in forward propulsion
- ServoProp is capable of generating more than
  - 1 kW at 7-8 knots
  - 3 kW at 11-12 knots

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.

**CLEAN**

### Zero Emission

No greasy, smelly engine compartments or exhaust fumes.

**SAFE**

### 48V System

All Oceanvolt systems are engineered to operate at 48 volts for passenger safety and ease of repair.

**POWERFUL**

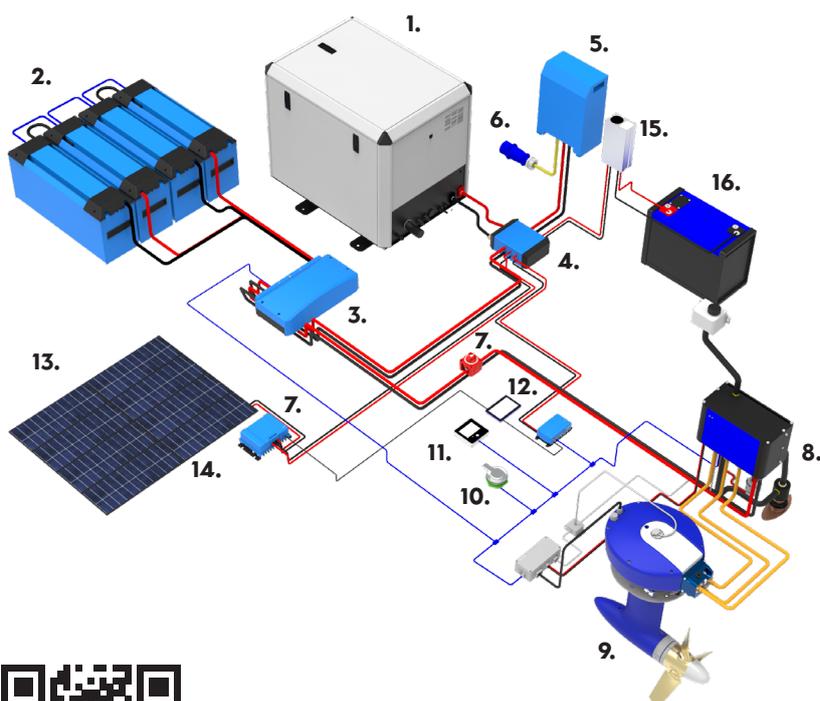
### Instant Power

Zero to full torque in an instant makes for superior maneuverability.

**STATE OF THE ART**

### Patented Technology

Range, beyond battery capacity, is extended through hydro generation while sailing above 6kn.



1. DC Generator
2. Propulsion battery pack
3. Battery management system
4. Bus bar
5. Charger/Inverter
6. Shore power input
7. Main switch
8. Motor controller
9. Electric saildrive motor
10. Control lever
11. Oceanvolt display
12. System control & monitoring
13. Solar panels
14. Solar charger
15. DC/DC Converter
16. Housebattery



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## Technical specifications:

Motor	SD6	SD8	SD10	SD15	ServoProp 10	ServoProp 15
<b>Nominal power</b>	6kW	8kW	10kW	12kW	10kW	12kW
<b>Peak power</b>	6kW	8kW	10kW	15kW	10kW	15kW
<b>Propeller shaft speed (rpm)</b>	1140	1140	1140	1140	1140	1140
<b>Equivalent HP</b>	12	15	20	30	20	30
<b>Motor weight (kg)</b>	42.5	42.5	46.5	46.5	65	65
<b>Boat length (m)</b>	up to 10	up to 12	up to 13	up to 15	up to 13	up to 15
<b>Boat weight (kg)</b>	up to 4000	up to 7000	up to 9000	up to 12 000	up to 9000	up to 12 000
<b>Cooling</b>	Air	Air	Liquid	Liquid	Liquid	Liquid

**For more information:** [www.oceanvolt.com](http://www.oceanvolt.com) / [sales@oceanvolt.com](mailto:sales@oceanvolt.com)