



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 Series

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.

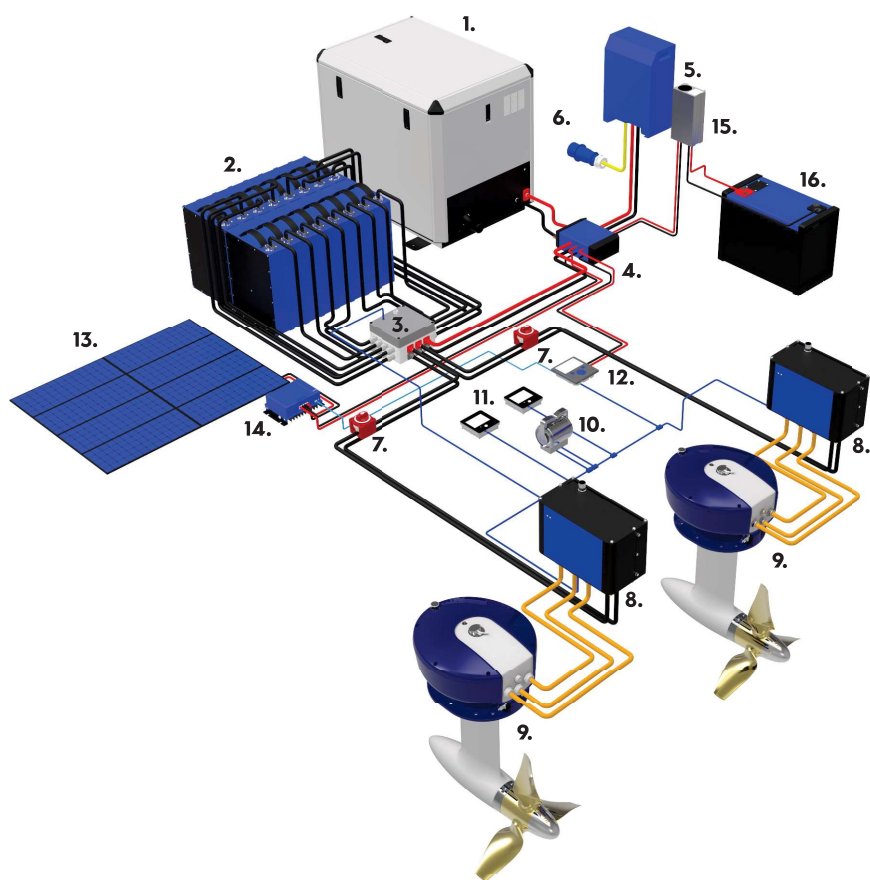
STATE OF THE ART

Patented Technology

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

OCEANVOLT

Clean Electric Power & Propulsion



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



Technical specifications:

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

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