



OCEANVOLT DS

Daysailer

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The DS in Oceanvolt DS stands for DaySailer. Oceanvolt DS is a complete electric motor system for daysailer type of catamarans and sailboats between 20-35 ft.

It provides everything from motors, batteries and chargers to powerful regeneration by the motors themselves.

SILENT & LIGHTWEIGHT

Imagine motoring in silence and hearing just the sounds of ocean. Compared to combustion engines, the system is silent, simple and reliable.

One Oceanvolt motor together with batteries weighs as little as 80kg. The system does not burn fuel or cause CO2 emissions.



MOTOR

The Oceanvolt electric motor system is the result of over eight years of product development and testing. Tests have been conducted both in laboratory conditions and at sea.

Both shaftdrive (AX) and saildrive (SD) motor models are available.

The material used to create the saildrive of the regenerative system is marine grade cast aluminum coated with durable epoxy. A large surface sacrificial anode completes the equation, which guarantees maximum protection against corrosion.



THROTTLE LEVER

The throttle lever of Oceanvolt's electric propulsion system is manufactured out of sea water resistant anodized aluminum. The LED lights in the lever indicate the system status. The technology utilizes reliable CAN bus technology.



Pressing the lever into off position prevents accidental use of the motor. With the dual throttle you will be able to control both motors at the same time without any hassle.

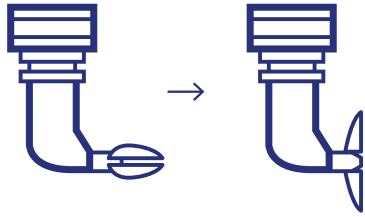
3.2" DISPLAY

The 3.2" color display is easy to use even in demanding conditions. All the necessary information can be read quickly thanks to simple and illustrative graphics.

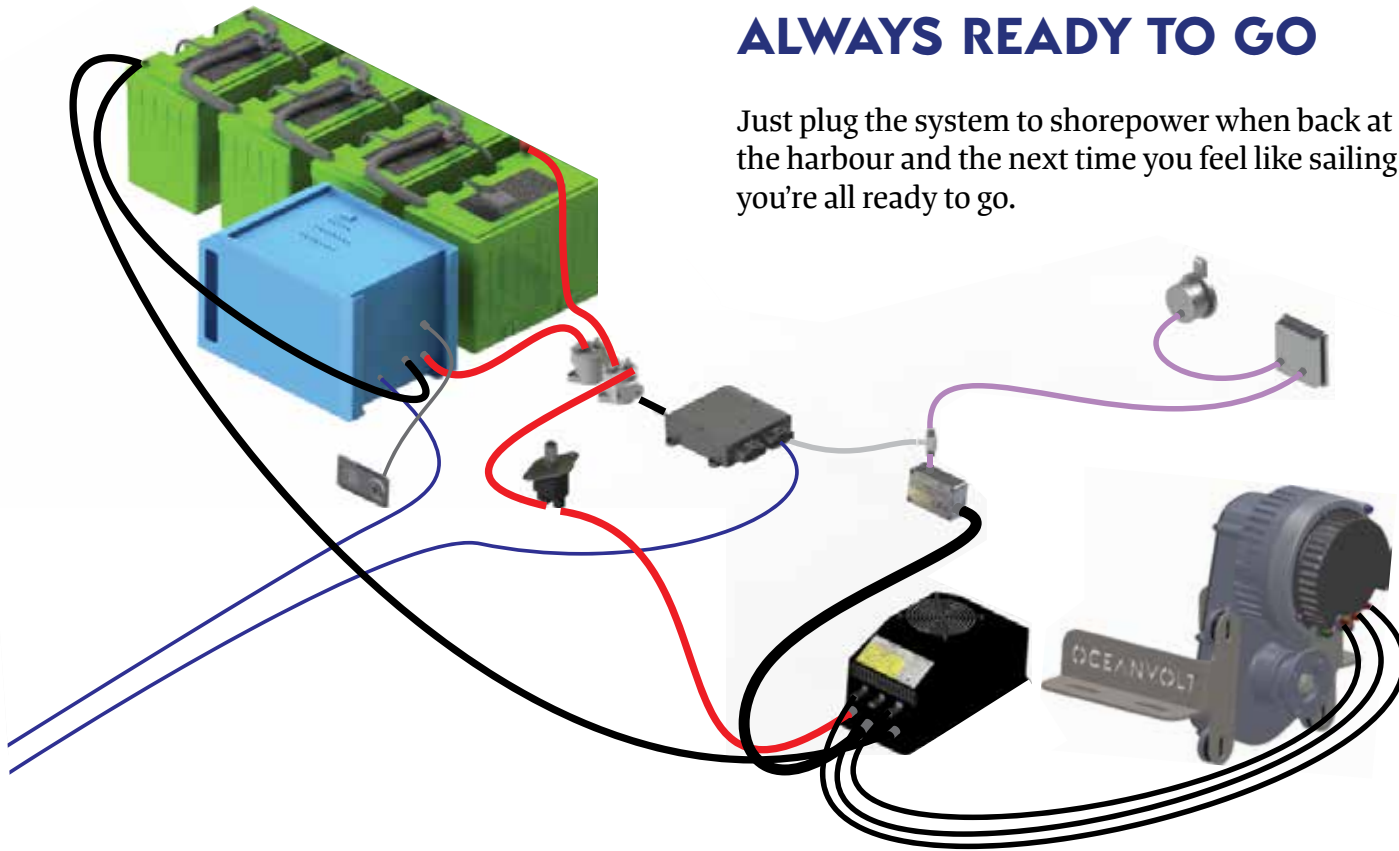


The display shows the battery charge, engine speed, and power level in percent or kW as well as the remaining operating time with the chosen speed.

RECHARGE BATTERIES WHILE SAILING



Intelligent motor controlling allows recharging the batteries while sailing with fixed and folding propellers by just one push of the button.



REFIT

The Oceanvolt refit attachment flange is designed for easy installations to fit directly onto existing saildrive beds of Yanmar and Volvo motors.



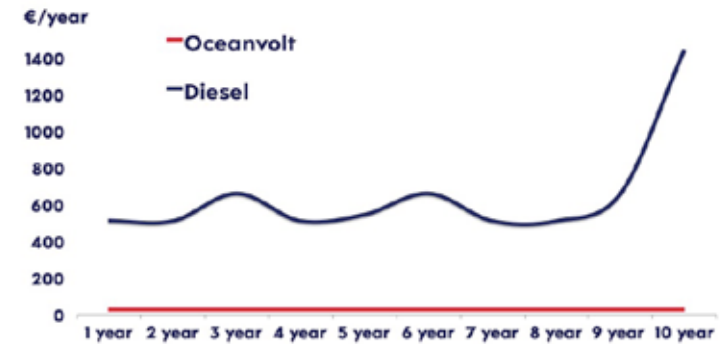
No further adjustments are needed. The flange is glued on the old saildrive bed, and even the old bolt holes are used.

ALWAYS READY TO GO

Just plug the system to shorepower when back at the harbour and the next time you feel like sailing you're all ready to go.

MINIMAL MAINTENANCE

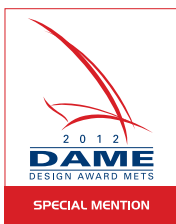
Tired of expensive and time-consuming maintenance work? Compared to traditional combustion motors the Oceanvolt electric motors require minimal maintenance, just gear oil change for SD models, if even that.



INSTANT POWER

Thanks to the synchronous permanent magnet motors, the system gives you immediate power and torque when switched on. This feature and the highly accurate throttle lever make maneuvering the boat easier in tight situations.

Model	AX3	AX5	AX8	SD6
Nominal power	3.7kW	5.2kW	8.3kW	6.0kW
Motor speed	2400 rpm	2400 rpm	2400 rpm	2600 rpm
Reduction ratio	2,46:1	2,46:1	2,46:1	1,93:1
Motor weight	22kg / 48.5 lbs	22kg / 48.5 lbs	28kg / 62 lbs	39kg / 86 lbs
Equivalent HP	9hp	9-13hp	20hp	9-13hp
Battery suggestions	2-5.6 kWh Li-ion 9.6 kWh AGM	5.6-7 kWh Li-ion 9.6 kWh AGM	5.6-11 kWh Li-ion 9.6 kWh AGM	5.6-7 kWh Li-ion 9.6 kWh AGM
Boat example	20 ft daysailer Scandinavian Cruiser 20	25 ft daysailer Ombrine 5.5 Figaro Challenge	30-35 ft daysailer	25-30 ft daysailer Blu30
Equal motor	Yanmar 1GM	Yanmar 1GM	Volvo 2002 Yanmar 2GM	Volvo D1-20 Yanmar 2GM
Equal motor weight	120kg / 265 lbs	120kg / 265 lbs	160kg / 350 lbs	160kg / 350 lbs



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Cover photo courtesy of:
Blu30 / Christian Scherrer

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