



OCEANVOLT SEA®

Perfect match for multihulls§

Silent Electric Autonomy



OCEANVOLT SEA®

The SEA in Oceanvolt SEA® stands for Silent Electric Autonomy. Oceanvolt SEA® is a complete electric motor system for catamarans and sailboats between 20-60 ft.

It provides everything from motors, batteries and chargers to charging with solar panels, wind turbines and generators, not to forget the powerful regeneration by the motors themselves.

Oceanvolt SEA® even enables running the air conditioning system overnight without the generator.

SILENT & LIGHTWEIGHT

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

Two Oceanvolt motors together with batteries weight as little as 250kg. The system does not burn fuel or cause CO2 emissions.

“I chose the Oceanvolt electric motors instead of traditional diesel motors, because they are 250kg lighter than diesels and you can recharge the batteries while sailing, both of which are important benefits for a racing catamaran.”

– Bernard Haerri, owner of the SIG45

“The first results surpassed all of our expectations at the shipyard, concerning speed and even the range of the system.”

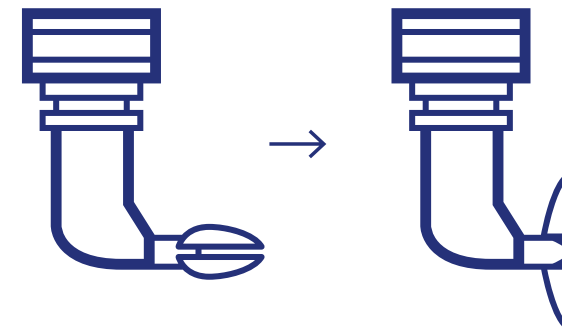
– Owners of the Aventura 33



OCEANVOLT SD15

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. State of the art technology and its benefits are what give Oceanvolt its competitive edge.

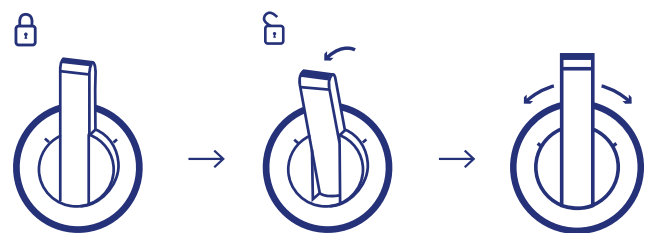
The material used to create the saildrive of the regenerative system is marine grade cast aluminum coated with durable epoxy. A large surface sacrificial anode completes the equation, which guarantees maximum protection against corrosion.



“The Oceanvolt SD system has a patented, flexible mounting to attach the motor to the sailboat hull to reduce vibrations. Additionally we invented a feature by which the folding propeller can be used to regenerate electricity and charge batteries while sailing.”

- Technical Director Richard Lax

DUAL THROTTLE



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.

INSTANT POWER

Thanks to the synchronous permanent magnet DC motors, the system gives you immediate power and torque when switched on.

This and the highly accurate throttle lever make maneuvering the boat easier in tight situations.

RECHARGE BATTERIES WHILE SAILING

Intelligent motor controlling allows recharging the batteries while sailing with fixed and folding propellers with just one push of the button. At 13kn of speed you can recharge the batteries 2kW/h.

MINIMAL MAINTENANCE

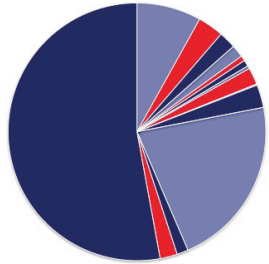
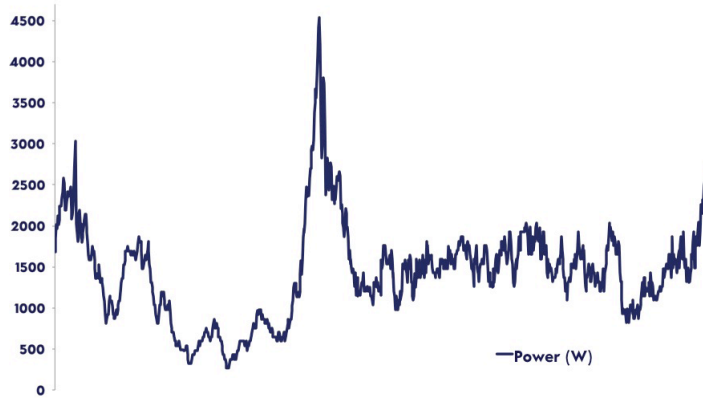
Tired of expensive and time-consuming maintenance work?

Compared to traditional combustion motor the Oceanvolt electric motors require minimal maintenance, just an oil change once a year, if that.



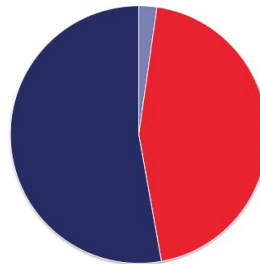
3.2" DISPLAY

LeBreton Yachts SIG45 regeneration at 8-17 knots

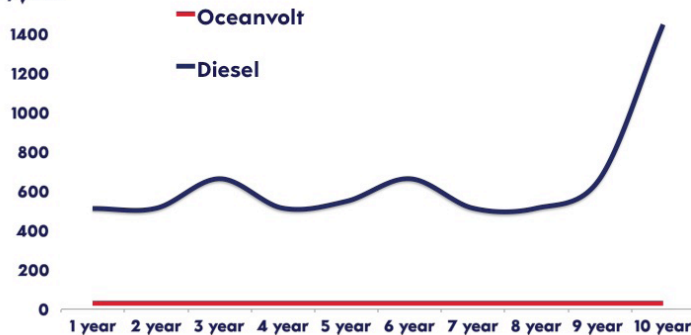


■ Electricity/Fuel ■ Motor price
■ Battery price

■ Electricity/Fuel ■ Start battery
■ Motor oil ■ Oil filter
■ Fuel filter (coarse) ■ Fuel filter (fine)
■ Cooling fluids ■ Impeller
■ Charger belt ■ Charger
■ Maintenance work ■ Tank washing
■ Nozzle adjustment ■ Motor price



€/year



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 as well as the remaining operating time with the chosen speed.

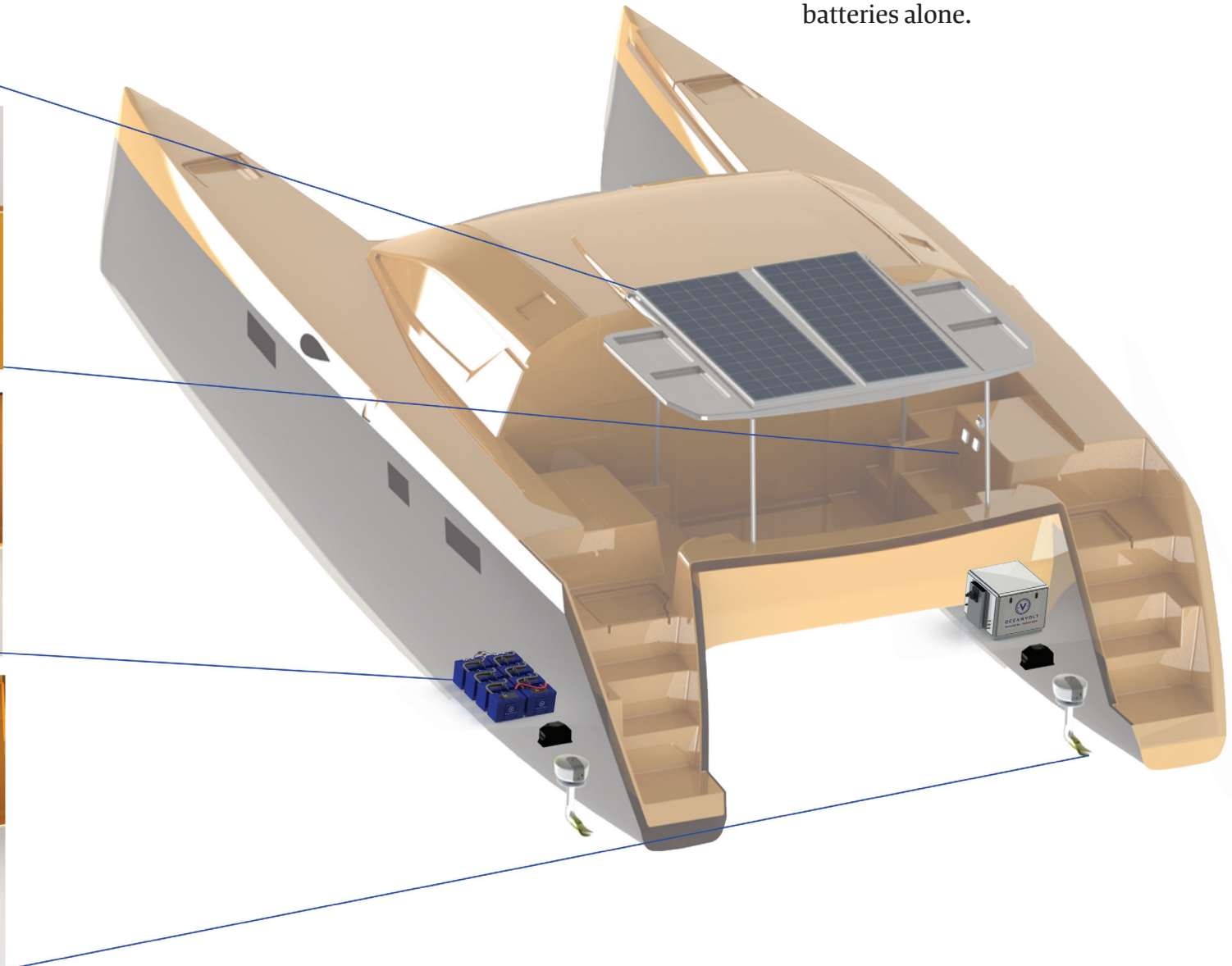
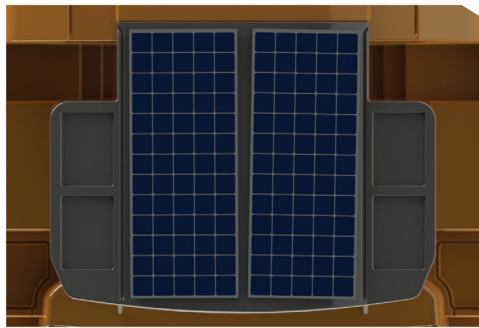


OCEANVOLT SEA®



ELECTRIC AUTONOMY

Generate all your energy needs from the wind, sun and motor. Become independent from shore power and eliminate the need to go to marinas. If needed, our super-quiet generator will run less than one hour to power the vessel for an entire day from batteries alone.

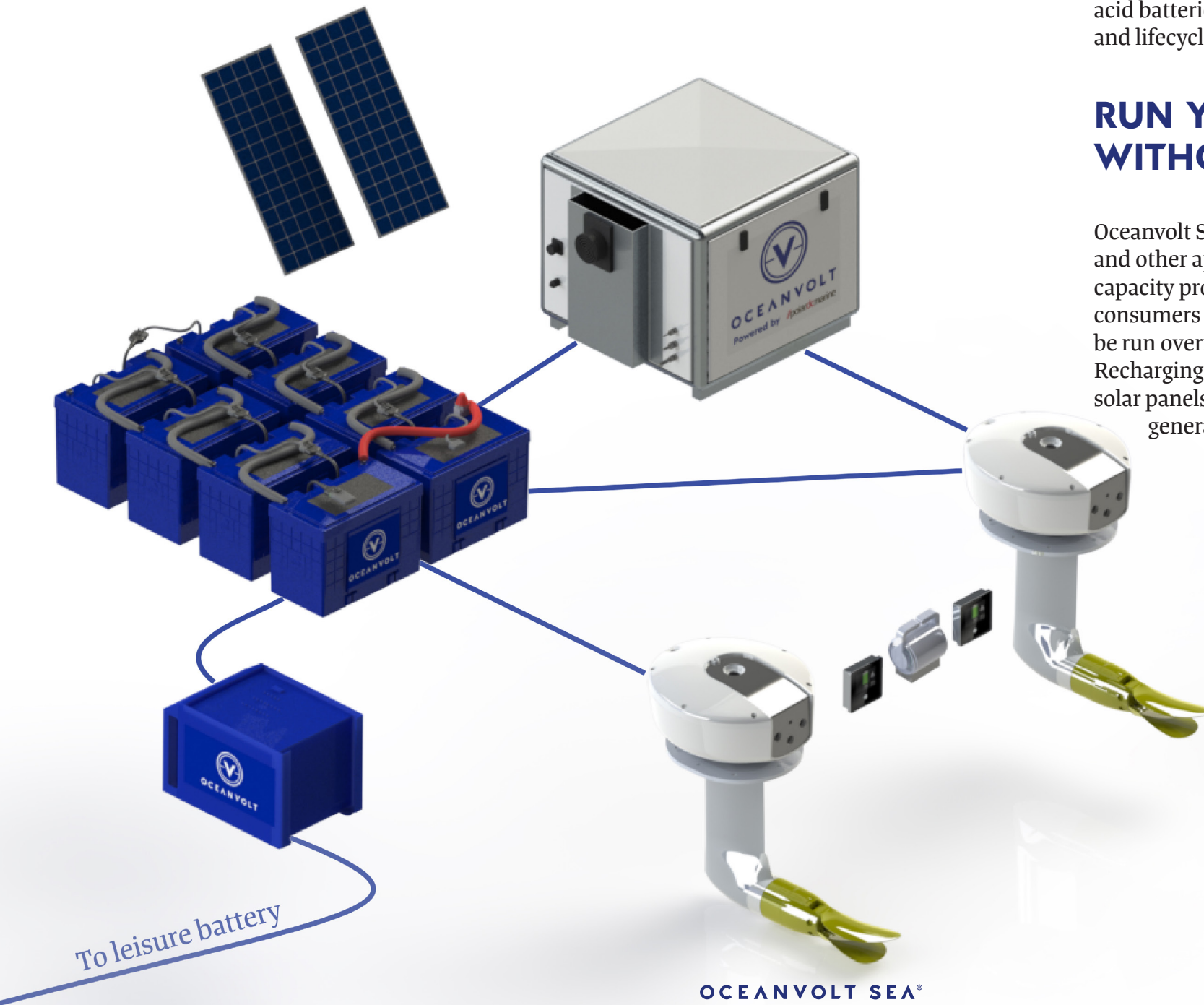


LITHIUM BATTERIES

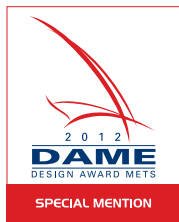
Lithium batteries are superior to traditional lead acid batteries in three aspects: safety, performance and lifecycles.

RUN YOUR APPLIANCES WITHOUT A GENERATOR

Oceanvolt SEA system enables running your A/C and other appliances overnight from the large capacity propulsion battery pack. Big electricity consumers like the air conditioning system can be run overnight without starting your generator. Recharging can take place either by sailing, solar panels, a wind generator, shore power or a generator.



| Model | Twin SD8.6 | Twin SD15 |
|---------------------------|-----------------------|------------------------|
| Nominal power | 2 x 8.6kW | 2 x 15kW |
| Motor speed | 2600 rpm | 2200 rpm |
| Reduction ratio | 1,93:1 | 1,93:1 |
| Motor weight | 2 x 39kg / 86lb | 2 x 42kg / 93lb |
| Equivalent HP | 2 x 20hp | 2 x 40hp |
| Battery suggestion | Valence 14 kWh Li-Ion | Valence 21 kWh Li-Ion |
| Weight with batteries | 235kg / 518lb | 318kg / 700lb |
| Boat example | Aventura 33 - SIG45 | Slyder 46 - Voyage 580 |
| Equal diesel motor | 2 x 29hp Yanmar | 2 x 38hp Nanni Diesel |
| Equal diesel total weight | 500kg / 1100lb | 750kg / 1650lb |



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