

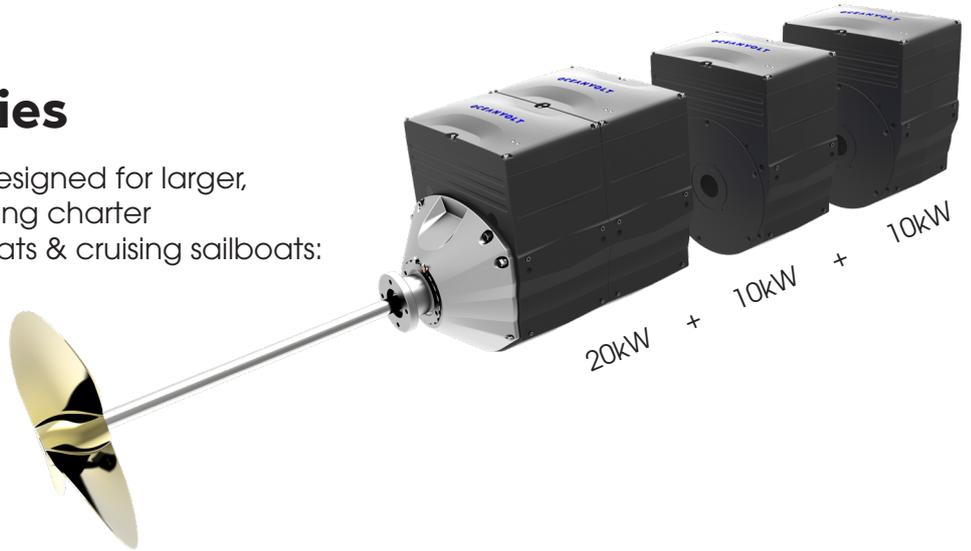


OCEANVOLT ELECTRIC SHAFT DRIVE MOTORS

Oceanvolt AXC Series

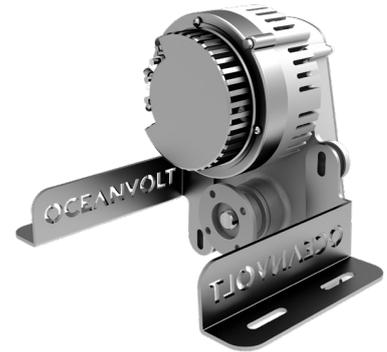
Oceanvolt AXC series is specially designed for larger, heavier displacement boats including charter catamarans, non-planing motorboats & cruising sailboats:

- Modular 10kW 48V motors with integrated controller
- Available in 10kW, 20kW, 30kW & 40kW power configuration



Oceanvolt AX Series

- Synchronous permanent magnet electric motor
- Shaft drive with 2.46:1 reduction
- Lightweight: weighs as little as 22kg
- Complete electric inboard propulsion system
- Dual function: propulsion & hydro generation (while under sail)
- Air cooled



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.

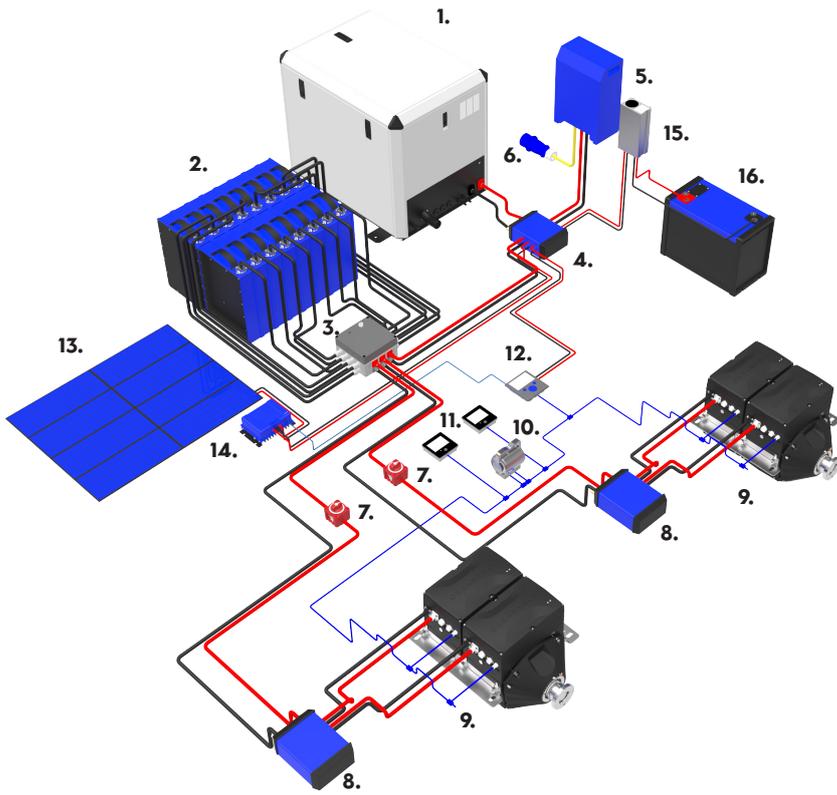
STATE OF THE ART

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. BUS bar
9. Electric shaftdrive 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	AX3	AX5	AX8	AXC10	AXC20	AXC30	AXC40
Nominal power	3,7kW	5.2kW	8.3kW	10kW	20kW	30kW	40kW
Propeller shaft speed (rpm)	975	975	975	1400	1400	1400	1400
Equivalent installation HP	6-9	10-15	15-25	20-30	40-60	60-80	80-100
Motor weight (kg)	22	28	28	48	88	128	168
Boat length (m)	up to 7	up to 9	up to 11	up to 11	up to 14	up to 16	up to 20
Boat weight (kg)	up to 2000	up to 4000	up to 7000	up to 8 000	up to 14 000	up to 18 000	up to 25 000
Cooling	Air	Air	Air	Liquid	Liquid	Liquid	Liquid

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