



OCEANVOLT ELECTRIC SHAFT DRIVE MOTORS

Oceanvolt AXC Series

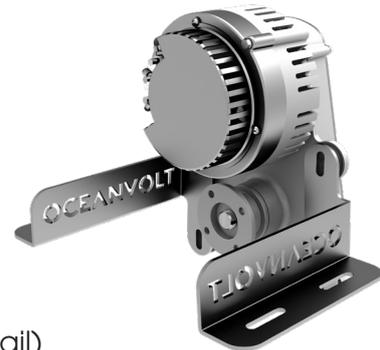
Oceanvolt AXC series is specially designed for larger, heavier displacement boats including charter catamarans, non-planing motorboats & cruising sailboats:

- Modular 12kW (15kW peak) 48V motors with integrated controller
- Available in 12kW, 24kW & 36kW power configuration
- Versatile motor with a wide speed range (920-1400rpm) for nominal and peak power
- Liquid cooled



Oceanvolt AX5

- Synchronous permanent magnet electric motor
- Shaft drive with 2.46:1 reduction
- Lightweight: weighs as little as 28kg
- 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

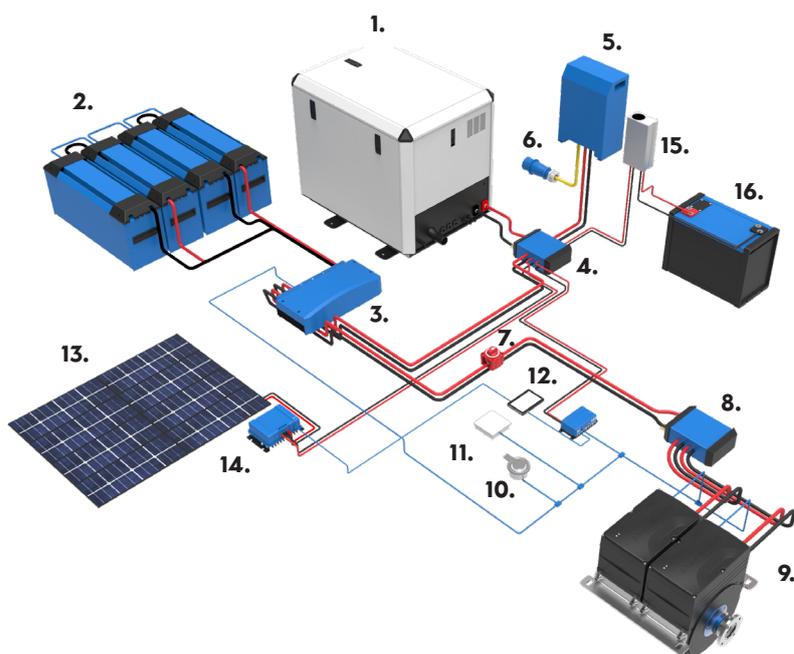
Instant Power

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.



- 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. BUS bar
- 9. Electric shaftdrive motor
- 10. Control lever
- 11. Oceanvolt display
- 12. System control & monitoring
- 13. Solar panels
- 14. Solar charger
- 15. DC/DC Converter
- 16. Housebattery



Scan to access
more materials



Technical specifications:

Motor	AX5	AXC12	AXC24	AXC36
Nominal power	5.2kW	12kW	24kW	36kW
Peak power	8.3kW	15kW	30kW	45kW
Propeller shaft speed (rpm)	975	950	950	950
Equivalent installation HP	15-20	45	80	120
Motor weight (kg)	28	48	88	132
Boat length (m)	up to 10	up to 11	up to 14	up to 16
Boat weight (kg)	up to 6000	up to 10 000	up to 19 000	up to 30 000
Cooling	Air	Liquid	Liquid	Liquid

For more information: www.oceanvolt.com / sales@oceanvolt.com