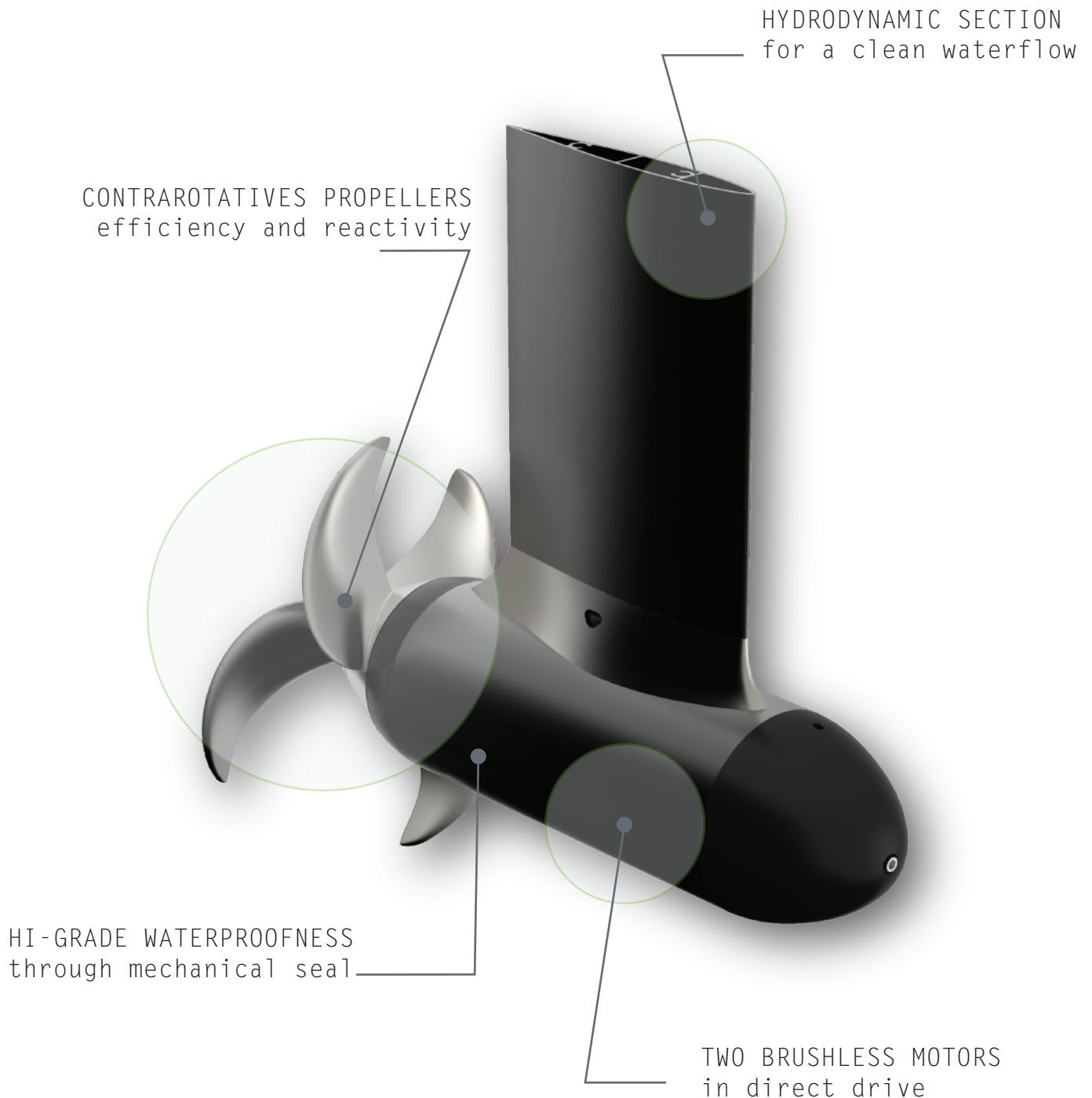


4kW PROPULSOR

PROFESSIONAL ELECTRICAL PROPULSOR





4kW PROPULSOR

With its knowledge of immersed motors, Watt&Sea presents its new generation of electrical motors.

Dedicated to professional use, they are designed to operate continuously with minimal maintenance.

The 4kw propulsor is equipped with two direct drive brushless and independent motors.

Sealing is achieved through mechanical rings polished to a micrometrical scale and sliding against each other.

These motors drive two contrarotatives propellers specifically designed for this application and allow to have good performance and reactivity while cancelling the torque effect.

Associated with a double controller, this propulsor is able to reduce its power in case of overheating, low battery level, obstacle on the propeller, ...etc to remain robust and tolerant. Many settings are configurable to adapt to all uses.

TECHNICAL CHARACTERISTICS

PROPULSOR

Shaft power : 4kW
Voltage : 48V nominal

Weight: 12kg

Static thrust : ~ 850N
Thrust at 6 knots : ~ 600N

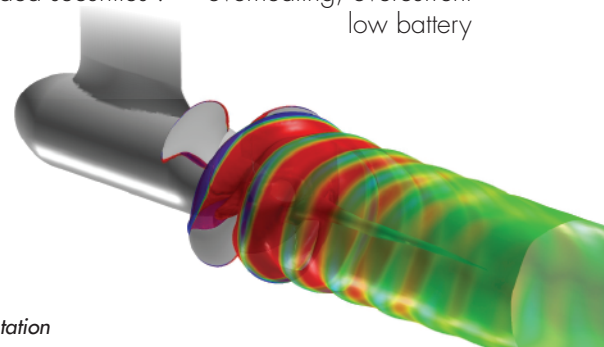
Propellers : 2 contrarotatives props in glass-fiber composite

CONTROLLER

Technology : sensorless
Cooling : passive

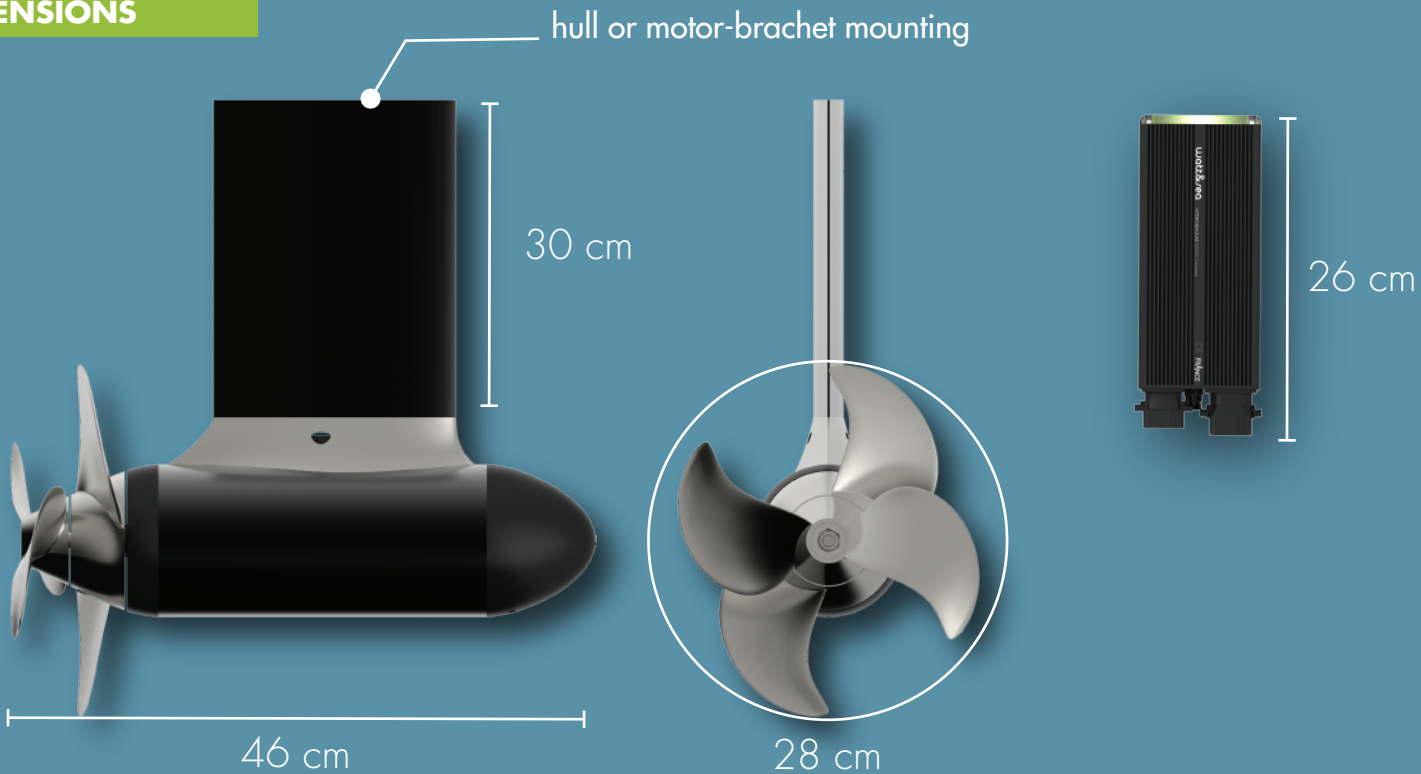
Weight : 3kg

Embedded securities : overheating, overcurrent
low battery



CFD computation

DIMENSIONS



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