

SILENT SAILING

**FALCON**



Crafted for **pure**  
**electric propulsion.**



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**EUDP O**



Unlike conventional models that typically adapt combustion-engine platforms for electric use, FALCON is designed exclusively as an electric propulsion system. This innovative approach results in a compact, lightweight build that minimises drag, improves efficiency, and optimises onboard space for additional battery capacity. Weighing approximately 100 kg less than traditional combustion engines, FALCON extends range, boosts performance and significantly reduces its environmental impact.

### **Redesigned steering for effortless manoeuvrability**

FALCON's steering system was completely re-engineered to keep the motor block stationary, so only the propeller and hub rotate. This innovation protects the motor's sensitive components while the 360° rotating propeller hub provides outstanding handling, even in tight spaces.

The motor is highly customisable, allowing for tailored shaft lengths to fit any boat geometry, and the cover plate's colour and material to match your boat's design.

### **Danish quality and performance**

Developed and manufactured in Denmark, FALCON benefits from close quality control and efficient lead times. Every component is carefully selected to support the motor's performance without adding unnecessary weight or volume.

With access to an in-house testing pool and our own test boat, we could commence thorough testing and verification right from the start of development.

### **Inspired by nature**

The name FALCON – inspired by the fastest animal in the world – reflects the powerful, efficient, and dynamic qualities of the motor. It's designed for swift and graceful movement through the water, and the propeller's 180-degree turning capability brings to mind the agility and power of this extraordinary bird.



*Additionally, the top plate opens up endless possibilities, to give your boat an extra touch of personal expression.*



## Specifications

	Falcon 130 Outboard	Falcon 230 Outboard
<b>Voltage</b>	400 – 800 VDC	550 – 850 VDC
<b>Continuous power</b>	130 kW – 310 NM	230 kW – 600 NM
<b>Peak power:</b>	220 kW – 525 NM	430 kW – 950 NM
<b>Continuous motor speed</b>	4000 rpm	3600 rpm
<b>Propeller speed</b>	3000 rpm	3000 rpm
<b>Peak propeller speed</b>	4300 rpm	3600 rpm
<b>Propeller hub</b>	360° rotating	360° rotating
<b>Weight</b>	130 – 160 kg	xxx – xxx kg

## Advanced technology features

The FALCON family features the latest engine technology, including a 2-circuit cooling system with heat exchangers integrated into the leg, a mechanically driven impeller pump, and a Can bus electric servo control system with trim tilt capabilities. Thanks to its inbuilt DC/DC power supply, FALCON requires just two high-voltage cables and a Canbus control cable for easy installation.

**Discover the future of boating—contact us today to learn more about the FALCON electric outboard motor.**





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