

HURRICANE 400HP INBOARD

BEYOND EXPECTATIONS

Evoy's turnkey inboard electric system is a robust system designed for +1000 hours per year. With advanced over-the-air capabilities, updates and configurations of the system monitoring, troubleshooting, and updating the software onboard is easier without having to get your boat to the workshop. Our entire system is CE approved and IP67. The robust system designs enable a long operational lifespan with up to more than 5x of an ICE system.

BATTERIES

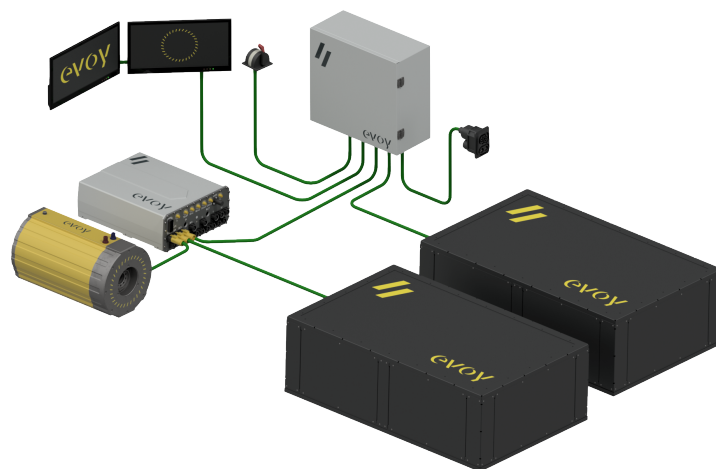
Evoy's batteries are designed for maritime use and offering very good C rates, crucial for electric power systems. Our fully integrated unique liquid cooling systems can withstand heavy use. The battery modules are designed for 3.000 charging cycles with 70% DOD. Hurricane is delivered with 126kWh battery pack as standard, upgradable to 252kWh or higher.

CHARGING – SUPERCHARGERS

The Hurricane motor has 22 kW AC charger as standard. Options to upgrade to a 44 kW for faster charging on normal grid. As standard our systems are fully compatible with DC charging enabling up to 300 kW supercharge.

INSTALLATION

The inboard systems are preassembled on skids for easy installation and can be retrofitted in an existing hull or as part of a newbuild. It fit best boats from 25 to 35ft for single installation and 30 to 45 feet for double installation.



400 hp Inboard Motor Assembly		
	Nominal	Peak
Torque	770 Nm	1500 Nm
Power	300 kW/400 hp	600 kW/800 hp
RPM	3750 rpm	6000 rpm
Dimensions*	220 kg / 600mm x 700mm x 700mm	
Other	IP 66, Programmable, Liquid Cooled	

*Complete system weight, excluding batteries: approximately 350kg

Energy Battery Module	
Discharge/Charge Continuously	2C / 1C
Voltage (Nominal)	365 V
Weight Dry	380 kg
Energy	63 kWh
Dimensions (L) 1.111m x (W) 795mm x (H) 351mm	
Other	IP 67, CE Certified, Liquid Cooled

*Standard inboard system have 2 Energy battery modules

RANGE

Range is highly dependent on the speed and the boat itself. With 63 kWh, you can expect between 15 to 30 nm in full speed. At 5 knots around 12 hours and even 24h at 3 kn.

Enough for a cruising day or a fish-farmers **regular use.**

HOW TO BUY

- Available in Europe
- North America in 2022
- Rest of the world in 2023.

