

HURRICANE 400+ HP 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, enabling updates of the software onboard and troubleshooting without having to get your boat to the workshop. Our system is CE approved and IP66. The robust system designs enable a long operational lifespan.

BATTERIES

Evoy's batteries are designed for maritime use and offering high discharge 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 system has 22 kW AC charger as standard. Options to upgrade to several chargers to 44 kW AC capacity for faster charging on normal grid. Our systems are fully compatible and included with DC charging enabling up to 200 kW supercharging.

INSTALLATION

The inboard motor system is preassembled on skids for easy installation including plug and play wire harnesses and can be retrofitted in an existing hull or as part of a newbuild. Best fit in boats from 25 to 35ft for single installation and 30 to 45ft 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 300kg

Energy Battery Module

Continuously Discharge/Charge	2C / 1C
Voltage (Nominal)	365 V x 2 = 730 V
Weight (dry / Complete)	380 / 400 x 2 = 800 kg
Energy	63 kWh x 2 = 126 kWh
Dimensions x 1	(L) 1.111mm x (W) 795mm x (H) 351mm
Other	IP 67, CE Certified, Liquid Cooled

*Standard inboard system has 2 Energy battery modules

RANGE

Range is highly dependent on the speed, weight and the boat itself. With 126 kWh, you can expect between 15 to 30 nm in plane hull cruise. At 5 knots around 12 hours and +24h at 3 kn.

HOW TO BUY

- Available in Europe now
- North America in 2023, ROW in 2024

Price in Evoy Configurator at www.evoy.no

Contact ahoy@evoy.no

