

## BREEZE 120+ 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

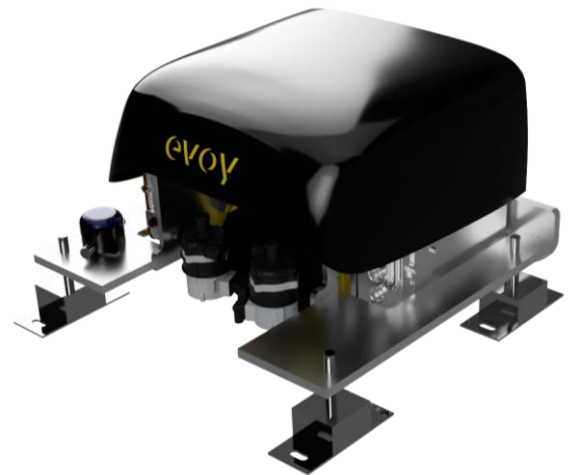
Evoy's batteries are designed for maritime use and offering high discharge rates, crucial for electric power systems. Our fully integrated unique liquid cooling systems can withstand heavy use. The battery modules are designed for 3.000 charging cycles with 70% DOD. Breeze is delivered with 63 kWh battery pack as standard, upgradable to 126 kWh or higher.

### CHARGING – SUPERCHARGERS

The Breeze motor system has 3 kW AC charger as standard. Options to upgrade to several chargers with total 22- or 44-kW capacity for faster charging on normal grid. Our systems are fully compatible with DC charging enabling up to 200 kW supercharging.

### INSTALLATION

The systems are prepared for easy installations and can be retrofitted in an existing hull or as part of a newbuild. Best fit in fast boats from 15 to 25ft or for slow displacements boats from 20 to 50 ft.



#### 120 hp Inboard Motor Assembly

	Nominal	Peak
Torque	170 Nm	270 Nm
Power	90 kW/120 hp	137 kW/185 hp
RPM	4900 rpm	6000 rpm
Dimensions*	90 kg / 600mm x 700mm x 500mm	
Other	IP 66, Programmable, Liquid Cooled	

\*Complete system weight, excluding batteries: approximately 150kg

#### Energy Battery Module

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

### RANGE

Range is highly dependent on the speed and the boat. With 63 kWh, you can expect between 15 to 25 nm in plane cruise speed. At 5 knots around 12 hours and +24h at 3 kn.

### HOW TO BUY

- Available in Europe 2022
- North America in 2023
- Rest of the world in 2024

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