



Generating
Movement
Efficiently

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ELECTRIC MOTORS, DRIVE SYSTEMS & ACCESSORIES

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Red Snapper - Hybrid - Marine Drive System

Drop In Electric Hybrid Inboard Marine Drive System

The Red Snapper hybrid electric, drop in, inboard marine drive system is the perfect cost-effective solution to convert your boat to electric hybrid, without replacing your engine!

This revolutionary hybrid drop in solution is designed to fit around and work with your current engine and is the first of it's kind (as far as we are aware). The Red Snapper only requires approximately 100mm space on the prop shaft, to be fitted. Then you can be powered by electric



when you wish, at the flick of a switch

This pioneering electric hybrid solution can be used in almost any boat that is using inland, national and international waterways at typical cruising speeds, including: narrowboats, sailing craft, yachts and pleasure craft.

The Red Snapper is designed to generate the power needed to match the standard cruising speed of marine vehicles powered by a combustion engine. Higher engine speeds are then expected to be available to help recharge the battery source when operating the electric motor in generator mode (so no additional bulky generators required). Electric-only drive mode will provide a maximum speed to allow the vessel to reach standard cruising speed.

- ➔ **Easy to install, drop-in system**
- ➔ **Up to 93% efficiency**
- ➔ **Works with your current engine**
- ➔ **Highly reliable, low cost, long life solution**

- ➔ **Eco-friendly. No emissions and no fuel costs**
- ➔ **Powerful 48v, 17-35HP Motor**
- ➔ **All our motors have a 2 year extendable warranty**
- ➔ **Servicing and maintenance available at source**



Two mode system enables hybrid, electric or combustion engine powered options

'Soft start' clutch control built in as standard to minimise wear

Battery monitoring automatically disengages the clutch when charging is outside the predefined limits or batteries are near full capacity

Can be used in generator mode to charge batteries. Please request further details.



Bespoke display to monitor all parameters. Optional NMEA 2000 interface.

Standard throttle with one direction setting or neutral position with forward and reverse. Can be top or side mounted

Red Snapper - Hybrid - Marine Drive System Specification

Motor Size	Power Output	Engine Size	Current	Voltage	Efficiency	Torque
LEM-200-D95 O/F	10Kw	25-30HP	220Amps	48V	90%	Torque dependen on ratio
LEM-200-D135 O/F	8Kw	17-25HP	180Amp	48V	90%	Torque dependen on ratio

Motor Size	Power Output	Engine Size	Current	Voltage	Efficiency	Torque
LEM-240-131 O/F	12Kw	30-35HP	250Amp	48V	90%	Torque dependent on ratio

Useful Links

[RED SNAPPER SPECIFICATIONS](#)

[EASY INSTALLATION GUIDE](#)

Red Snapper - Hybrid - Marine Drive System Applications





Get in touch

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