



MARINE



✓ EFFICIENT ✓ ECO FRIENDLY ✓ POWERFUL

EMISSION FREE ELECTRIC PROPULSION

EASY INSTALL

'Drop in' hybrid system

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions
No fuel

POWERFUL

Available in 48v
(17-35HP)

LOW COST

Save on fuel bills

RED SNAPPER DROP IN ELECTRIC HYBRID INBOARD SYSTEM

Overview

The hybrid system is designed to match the standard cruising speed of the 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. Electric-only drive mode will provide a maximum speed to allow the vessel to reach standard cruising speed.

Key Features

- Simple to install
- System manufactured in Devon
- Complies to waterway legislations
- Three modes of power
- Cheaper to run
- Quiet to run

Red Snapper Drop In Electric Hybrid System



? The System

Our systems are designed for typical cruising speeds on inland, national and international waterways.

Each system is 48v, the systems are designed for the motor to couple directly to the prop shaft. The system will fit vessels dependent on engine bay size.

Applications



Narrowboats



Sailing craft



Yachts



Pleasure craft



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RED SNAPPER

DROP IN ELECTRIC HYBRID
INBOARD SYSTEM

ALL OF OUR MOTORS
HAVE A 2 YEAR
EXTENDABLE WARRANTY

✓ EFFICIENT ✓ ECO FRIENDLY ✓ POWERFUL

EMISSION FREE ELECTRIC PROPULSION

MODE ONE

Existing combustion engine drive motor propels the boat - the electric motor is clutched out of the drive train.

MODE TWO

The electric motor is engaged and propels the boat; the internal combustion engine is neutral or 'disengaged'.

MODE THREE

The existing internal combustion drive motor propels the boat; the electric motor is clutched in but is in neutral, and the electric motor becomes a generator and replenishes the batteries.

- Automatic electronic control of clutch engagement under electric drive (Mode 2) and recharging (Mode 3).
- A "soft start" clutch control is included to help minimise wear
- Siemens PLC provides additional custom battery monitoring to automatically disengage the clutch when charging is outside of predefined limits or batteries are near full capacity.
- Supports recharging of Lead Acid batteries only (i.e not Lithium).

BESPOKE DISPLAY TO MONITOR ALL PARAMETERS

Key ignition with voltage, battery capacity and available

STANDARD THROTTLE

One direction setting or neutral position with forward and reverse. Can be top or side mounted.



DC TO DC CONVERTOR

