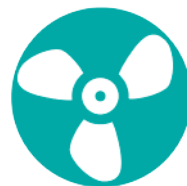


# YELLOWTAIL

Lynch Electric 2.5kW Direct Drive Marine System



**MARINE**  
ELECTRIC PROPULSION SYSTEMS



## KEY FEATURES:

- ✓ **5-10HP (2.5Kw with peak of 6Kw)**
- ✓ **For 15-25ft craft size.**
- ✓ **24v input power.**
- ✓ **Lightweight & Powerful.**
- ✓ **Consistent Reliability.**
- ✓ **Quiet and efficient.**
- ✓ **Easy to install and use.**
- ✓ **Suited to a range of vessels**  
from pleasure, leisure and hire craft.

## READY TO GO WHEN YOU ARE.

POWERFUL, RELIABLE AND LIGHT WEIGHT  
ELECTRIC MOTORS THAT WON'T LET YOU DOWN.



## REASONS TO SWITCH TO ELECTRIC

### POWER

5-10HP (2.5w)  
IMMEDIATE POWER.  
NO PRE-HEATING. EASY &  
ACCURATE TO MANOEUVRE.

### NO FUEL COSTS

RECHARGE BATTERIES  
WHILST UNDER SAIL OR VIA  
SOLAR OR WIND.

### EASY INSTALL

1 DAY INSTALL. NO HEAVY  
LIFTING. EASY TO ALIGN.  
'PLUG AND GO' SYSTEM.

### RELIABLE

ELECTRIC MOTOR STARTS  
EVERY TIME WITH A TURN  
OF THE KEY, ADJUST THE  
THROTTLE AND GO.

### ECO FRIENDLY

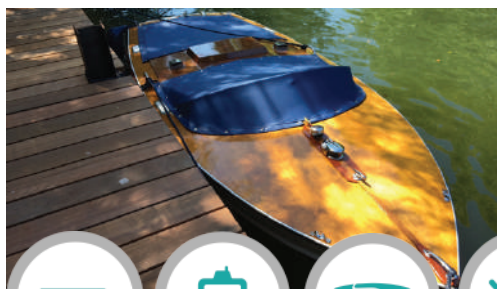
QUIET AND CLEAN.  
NO EXHAUST FUMES.  
CLEAN ENGINE ROOM.  
PEACEFUL AND TRANQUIL.  
NO POLLUTION.  
PLEASANT ENVIRONMENT.

SUITED FOR EMISSION  
RESTRICTED WATERWAYS.

### LIGHT WEIGHT

UP TO 10 X LIGHTER THAN  
TRADITIONAL ENGINES.  
JUST 14KG + CONTROL BOXES.

IMPROVED CONTROL.  
ENHANCED STEERING.  
EXCELLENT POWER TO WEIGHT RATIO.  
DISTRIBUTE BATTERIES FOR BETTER  
WEIGHT OPTIMISATION.



Canal River Lake Sea

### LOW MAINTENANCE COSTS

VISUAL CHECKS OF BRUSHES AND DRIVE BELTS. BELTS LAST  
3000 HOURS, BRUSHES 7000 HOURS. INEXPENSIVE TO REPLACE.

# YELLOWTAIL

Lynch Electric 2.5kW Direct Drive Marine System

## ALL LYNCH MARINE DRIVE SYSTEMS INCLUDE:

- ✓ ELECTRIC DC MOTOR
- ✓ CONTROLLER ASSEMBLY
- ✓ DISPLAY
- ✓ LEADS AND INSTALLATION MANUAL
- ✓ THROTTLE
- ✓ MOTOR FRAME / DIRECT DRIVE & GEARING ASSEMBLY

**2 YEAR**  
EXTENDABLE  
WARRANTY

## TECHNICAL SPECIFICATIONS

**YELLOWTAIL**

|                              |              |
|------------------------------|--------------|
| ENGINE SIZE REPLACEMENT      | 5-10 HP      |
| CRAFT SIZE                   | 15-25 FT     |
| MOTOR TYPE                   | LEM 200-D135 |
| VOLTAGE                      | 24V          |
| CURRENT                      | 120 Amp      |
| POWER OUTPUT                 | 2.5 KW       |
| AVERAGE EFFICIENCY           | 88%          |
| BATTERY RECHARGE FUNCTION    | NO           |
| RATED SPEED ENGINE           | 1080 RPM     |
| RATED TORQUE                 | 16 Nm        |
| SPEED CONSTANT               | 45 RPM/V     |
| PEAK CURRENT                 | 250 Amp      |
| PEAK POWER                   | 6 KW         |
| PEAK TORQUE                  | 35 Nm        |
| REDUCTION GEARING STANDARD   | N/A          |
| REDUCTION GEARING OPTIONS    | N/A          |
| STANDARD RPM PROPELLER SHAFT | 1080 RPM     |
| OPTIONAL RPM PROPELLER SHAFT | N/A          |
| WEIGHT OF MOTOR AND FRAME    | 14 KG        |
| WEIGHT OF MOTOR CONTROL BOX  | 14 KG        |

## OPTIONS FOR DISPLAY

### BASIC DISPLAY

System ON/OFF and direction switches with battery. Stainless steel backplate.



### BMV 700 INTELLIGENT DISPLAY

Key ignition with voltage, battery capacity & available range. \*Now with stainless steel backplate.



### SIGMA DISPLAY

Key ignition with battery capacity levels, throttle settings and programme codes for controller.



## THROTTLE - REMOTE STEERING OPTIONS

### STANDARD THROTTLE

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



### ZF THROTTLE

Neutral with forward and reverse only.



## CONTROLLER ASSEMBLY

DIMENSIONS (MM)

## CONTROLLER BOX SIZES

### MEDIUM

| A      | B   | C      |
|--------|-----|--------|
| 362.45 | 410 | 156.53 |



## CONTACT US



Generating  
Movement  
Efficiently

WWW.LYNCHMOTORS.CO.UK

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