



MARINE



✓ EFFICIENT

✓ LIGHT

✓ POWERFUL

PERMANENT MAGNET DC ELECTRIC MOTORS

LIGHT WEIGHT

14kg Weight

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions
No fuel

POWERFUL

5-10HP
(2.5 > 6 Kw)

LOW COST

Save on fuel bills

YELLOWTAIL 2.5 DIRECT DRIVE (5-10HP)

Overview

The Yellowtail Marine Drive System from LMC is an inboard direct drive that is suitable for a range of vessels, from small day boats to sailing crafts, catamarans, etc.

Key Features

- 5-10HP (2.5Kw with a peak of 6Kw)
- For 15-25ft craft size
- 24v input power
- Lightweight – Only 14KG

Yellowtail 2.5 Direct Drive System



? What's included?

- ✓ Electric DC Motor
- ✓ Controller assembly
- ✓ Display
- ✓ Leads & installation manual
- ✓ Throttle
- ✓ Motor frame/direct drive & gearing assembly
- ✗ Batteries
- ✗ Charger

Applications



Sailing Crafts & Catamarans



Pleasure Craft



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YELLOWTAIL

2.5 DIRECT DRIVE SYSTEM

ALL OF OUR MOTORS HAVE
A 2 YEAR EXTENDABLE
WARRANTY

✓ EFFICIENT ✓ LIGHT ✓ POWERFUL

PERMANENT MAGNET DC ELECTRIC MOTORS

TECHNICAL SPECIFICATIONS	YELLOWTAIL
ENGINE SIZE	5-10 HP
VESSEL SIZE	15-25 FT
MOTOR SIZE	LEM 200-D135
VOLTAGE	24V
CURRENT	110 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 & FRAME	14 KG
WEIGHT OF CONTROL BOX	14 KG



BMV 700 INTELLIGENT DISPLAY

Key ignition with voltage, battery capacity and available range.



STANDARD THROTTLE

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



LYNCH DUAL THROTTLE

To use with Catamarans and Twin Prop applications.



BMV 712

Monitors battery condition remotely through an app.

SIGMA DISPLAY

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



DC TO DC CONVERTOR

