



ELECTRIC DRIVE SOLUTIONS

YELLOWTAIL

2.5 DIRECT DRIVE SYSTEM

OVERVIEW

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

KEY FEATURES

- 5-10 HP (2.5 kW with a peak of 6 kW)
- For 15 - 25ft craft size
- 24 V input power
- Lightweight - only 14kg
- DC to DC converter

INCLUDED

- Electric DC motor
- Controller assembly
- Display
- Batteries and charger not included
- Leads & installation manual
- Throttle
- Motor frame / direct drive & gear assembly

APPLICATION



Marine



LIGHTWEIGHT

14kg

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions, no fuel

POWERFUL

5-10HP (2.5 to 6 kW)

LOW COST

Save on fuel bills



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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

Available for use in catamarans and Twin Prop applications

Yellowtail - 2.5 direct drive system specifications

Engine Size	5-10HP	Peak Current	250Amp
Vessel Size	15-20ft	Peak Power	6Kw
Motor Size	LEM 200 - D135	Peak Torque	35Nm
Voltage	24V	Reduction Gearing Standard	N/A
Current	110Amp	Reduction Gearing Options	N/A
Power Output	2.5Kw	Standard RPM Propeller Shaft	1080rpm
Average Efficiency	88%	Optional RPM Propeller Shaft	N/A
Battery Recharge Function	No	Weight of Motor & Frame	14kg
Rated Speed Engine	1080rpm	Weight of Control Box	14kg
Rated Torque	16Nm	Propeller Shaft options	25mm: 1-10 taper
Speed Constant	45rpm/v		

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**2 YEAR EXTENDABLE WARRANTY
WITH ALL OF OUR MOTORS**