



ELECTRIC DRIVE SOLUTIONS

BARRACUDA

SINGLE ELECTRIC DRIVE SYSTEM

OVERVIEW

The Barracuda by Lynch Electric Motors is a single drive system which is suitable for a range of vessels, launches, narrowboats, houseboats, day boats and sailing boats. The Barracuda can be coupled directly to the prop shaft.

KEY FEATURES

- 10-80HP (2.5 - 26 kW)
- 48 V input & 72 V input
- For 15 - 80ft craft size
- Simple to install and use
- Quiet and efficient
- Lightweight & powerful
- Suited to a range of vessels; launches, narrowboats, houseboats, day boats and sailing boats

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

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions, no fuel

POWERFUL

10-80HP (2.5 - 26 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

Barracuda - Single electric drive system specifications

Engine Size	10-80HP	Rated Speed Engine	1080 - 3240rpm
Vessel Size	15-80ft	Rated Torque	16Nm - 72Nm
Motor Size	LEM 200 - D135	Speed Constant	45rpm/v
Voltage	24V, 48V, 72V	Peak Power	6Kw - 53Kw
Current	120Amp - 180Amp	Peak Torque	35Nm - 144Nm
Power Output	2.5Kw - 26Kw	Gearbox ration options	2.13:1 - 6.69:1
Average Efficiency	90%		

Controller box size	A	B	C
Medium	362.45 mm	410 mm	156.53 mm

Unit 4 Flightway Dunkeswell
Honiton Devon EX14 4RD

T +44(0) 1404 892 940
E info@lynchmotors.co.uk

LYNCHMOTORS.CO.UK

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