



ELECTRIC DRIVE SOLUTIONS

SWORDFISH

TWIN DRIVE (48-75 hp)

OVERVIEW

The powerful and reliable Swordfish twin drive system provides unrivalled efficiency and clean power for canal broad beam barges, sailing boats, catamarans and other marine vehicles.

KEY FEATURES

- 48-75hp (16 kW & 26 kW out)
- 40-80ft craft size
- 48 V input & 72 V input
- Consistent reliability
- Quiet & efficient
- Easy to install
- Highly reliable, low cost, long life solution
- Servicing and maintenance available at source
- Suitable for a range of marine vessels

INCLUDED

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

APPLICATION



Marine



LIGHT WEIGHT

27 Kg Weight

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions, no fuel

POWERFUL

Available from 16 to 26kW

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

Swordfish - Marine drive system specifications

Model	Swordfish 16	Swordfish 20	Swordfish 26
Replace combustion engine size	48-60 hp (40-70 FT)	50-56 hp (40-70 FT)	60-75 hp (40-70 FT)
Motor type	LEM 200-D1235×2	LEM 200-95×2	LEM 200-D1235×2
Voltage	48 V DC	48 V DC	72 V DC
Current	180 amps	220 amps	200 amps
Power Output	16 kW	20 kW	26 kW
Average Efficiency	90%	90%	90%
Battery Recharge Function	Yes	Yes	Yes
Rated Speed Engine	2160 RPM	3500 RPM	3240RPM
Rated Torque	72 Nm	48 Nm	72 Nm
Speed Constant	45 RPM/V	81 RPM/V	45 RPM/V
Peak Current	350 amps	400 amps	400 amps
Peak Power	30 kW	40 kW	53 kW
Peak Torque	144 Nm	96 Nm	144 Nm
Reduction Gearing Standard	28 : 56	22 : 72	28 : 56
Standard RPM Propeller Shaft	990 RPM	1100 RPM	1270 RPM
Optional RPM Propeller Shaft	848 RPM	875 RPM	990 RPM
Weight of Motor and Frame	27 Kg	27 Kg	27 Kg
Weight of Motor Control Box	18 Kg - Large 2 off	18 Kg - Large 2 off	18 Kg - Large 2 off

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**