

# LPW3 ALPHA MARINE PROPULSION ENGINE



The **Lister Petter LPW3 Alpha Marine Propulsion Engine** is designed for small offshore boats, workboats, and pleasure crafts. Offering a power range of **11.8 kW to 22.1 kW**, this engine ensures reliable performance in various maritime conditions.

## Key Features

- Raw water cooling for efficient heat dissipation.
- Direct fuel injection for enhanced fuel efficiency.
- Turbocharged options available for higher performance.
- Long service intervals of up to 500 hours.
- Engine configurations suited for different boat sizes and uses.

## P2 Duty Cycle

- **Application:** Continuous
- **Engine Load Variations:** Moderate
- **Average Engine Load Factor:** 50% – 80%
- **Annual Working Time:** 2,000 – 4,000 hours
- **Time at Full Load:** 6 hours per 12-hour cycle

## Technical Specifications

Power	11.8 kW to 22.1 kW
Engine Speed	1500 RPM to 3000 RPM
Fuel Consumption	4.7 l/h at 2500rpm
Number of Cylinders	3

Displacement	1.4 liters
Bore & Stroke	86mm & 80mm
Compression Ratio	18.5:1
Cooling System	Raw water heat exchanger
Lubrication System	Full-flow oil filter, cooled lube oil system
Fuel System	Direct fuel injection
Electrical System	12V or 24V depending on model

## Operating Conditions

- **Ambient Temperature:** -32°C to 52°C
- **Barometric Pressure:** 100 kPa
- **Relative Humidity:** 30% R

## Applications

The **Lister Petter LPW3 Alpha Marine Propulsion Engine** is ideal for the following applications:

- Fishing Vessel
- Pleasure Boat