

Standard features

Engine

- Yanmar L70N/V, diesel, 4 stroke
- Easy access to fuel line, lubrication system, sea/water pump and air filter
- Safety stop in case of low oil pressure, high temperature of engine or exhausts
- Double vibration reduction system
- Oil drain pump provided

Alternator

- Synchronous, 2 poles, self-regulated, brushless self-excited.
- Rotor and stator coated with epoxy resin against external agents.
- Rotor dynamically balanced.
- Insulation class: H.
- Safety stop for high-temperature.

Engine and alternator cooling

Heat exchanger water/air system

Sound shield

- Aluminium main frame and aluminium 5754 panels

Control Unit

- IP54 protection
- ON/OFF/START/STOP/MENU soft-touch buttons
- Digital hour-meter, main voltage, generator battery voltage, external battery pack voltage, frequency, service time, event list of last 10 alarms and time.
- 13 alarms icons
- 485 Mod-Bus connector for monitoring generator by boat main control monitor
- GSM control (ON/OFF – alarms)

kW
3.0
50 Hz

kW
3.2
60 Hz



ENGINE

	50hz	60Hz
Model	Yanmar L70N	Yanmar L70V
Type	Diesel, 4 stroke	
Power (HP)	6.1	6.7
Bore/Stroke mm (inch)	78/67 (3/2,63)	
Displacement (cc)	320	
RPM	3000	3600
Compression ratio	20:1	
Combustion system	Direct injection	
Speed governor	Centrifugal mechanical	
Lubrication system	Forced	
Fuel consumption (l/h)	1.3	1.5
Starting battery (Ah-V)	45-12	
Max. Inclination	30°	
Water pump flow (l/min)	20	
Certification	-	EPA Tier III

ALTERNATOR

	50hz	60Hz
Type	Brushless, synchronous 2-poles, self-excited	
Voltage (V)	115-230	120-240
Frequency (Hz)	50	60
Amps	26-13	26.6-13.3
Max. Power output (kW)	3	3.2
Continuous power output (kW)	2.7	2.9
Battery charging output (A-V)	10-12	
Power factor (cos φ)	1	
Insulating class	H	
Voltage stability	± 10%	
Frequency stability	± 5%	

	50Hz	60Hz
Dimension (Lenght x Width x Height)	593,4x407x515 mm (23.2x15.9x20.3 in)	
Weight	96Kg – 211lb (with sound shield)	
Noise level	54 dB(A) at 7m (23ft)	56 dB(A) at 7m (23ft)

