

Standard features

Engine

- Yanmar L100N/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 option (ON/OFF – alarms)

kW
5.0
50 Hz

kW
5.5
60 Hz



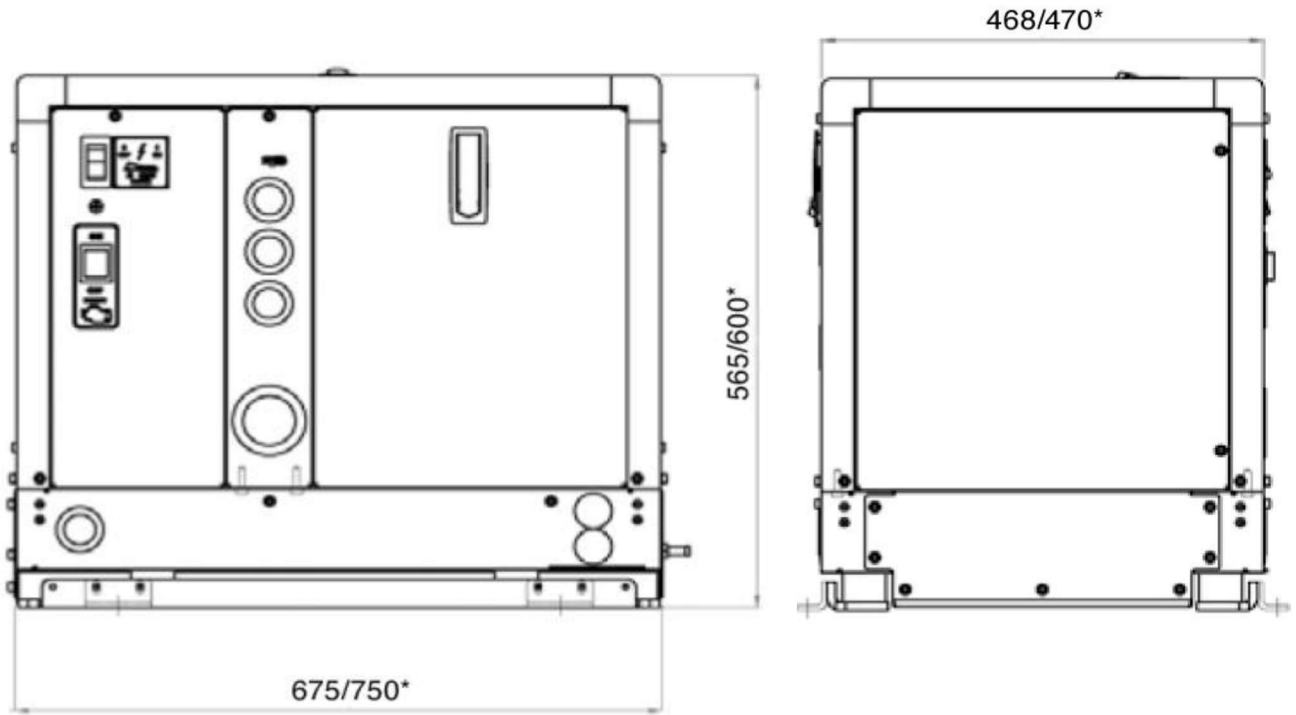
ENGINE

	50hz	60Hz
Model	Yanmar L100N	Yanmar L100V
Type	Diesel, 4 stroke	
Power (HP)	8.8	9.1
Bore/Stroke mm (inch)	86/75 (3.38/2.95)	
Displacement (cc)	435	
RPM	3000	3600
Compression ratio	20:1	
Combustion system	Direct injection	
Speed governor	Centrifugal mechanical	
Lubrication system	Forced	
Fuel consumption (l/h)	1.65	2.5
Starting battery (Ah-V)	45-12	
Max. Inclination	30°	
Water pump flow (l/min)	20	
Certification	-	-

ALTERNATOR

	50hz	60Hz
Type	Brushless, synchronous 2-poles, self-excited	
Voltage (V)	115-230	120-240
Frequency (Hz)	50	60
Amps	43.5 – 21.7	47.5 – 23.7
Max. Power output (kW)	5	5.5
Continuous power output (kW)	4.2	4.8
Battery charging output (A-V)	10-12	
Power factor (cos φ)	1	
Insulating class	H	
Voltage stability	± 10%	
Frequency stability	± 5%	

	50Hz	60Hz
Dimension (Length x Width x Height)	675 x 468 x 565 mm (26.6 x 18.4 x h22.2 in)	750 x 470 x 600 mm (29.5 x 18.5 x h23.6 in)
Weight	130Kg – 286.6 lb (with sound shield)	
Noise level	54 dB(A) at 7m (23ft)	56 dB(A) at 7m (23ft)



*60Hz model