

DYNAMICA

MARINE GENSETS

MINI 60E

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



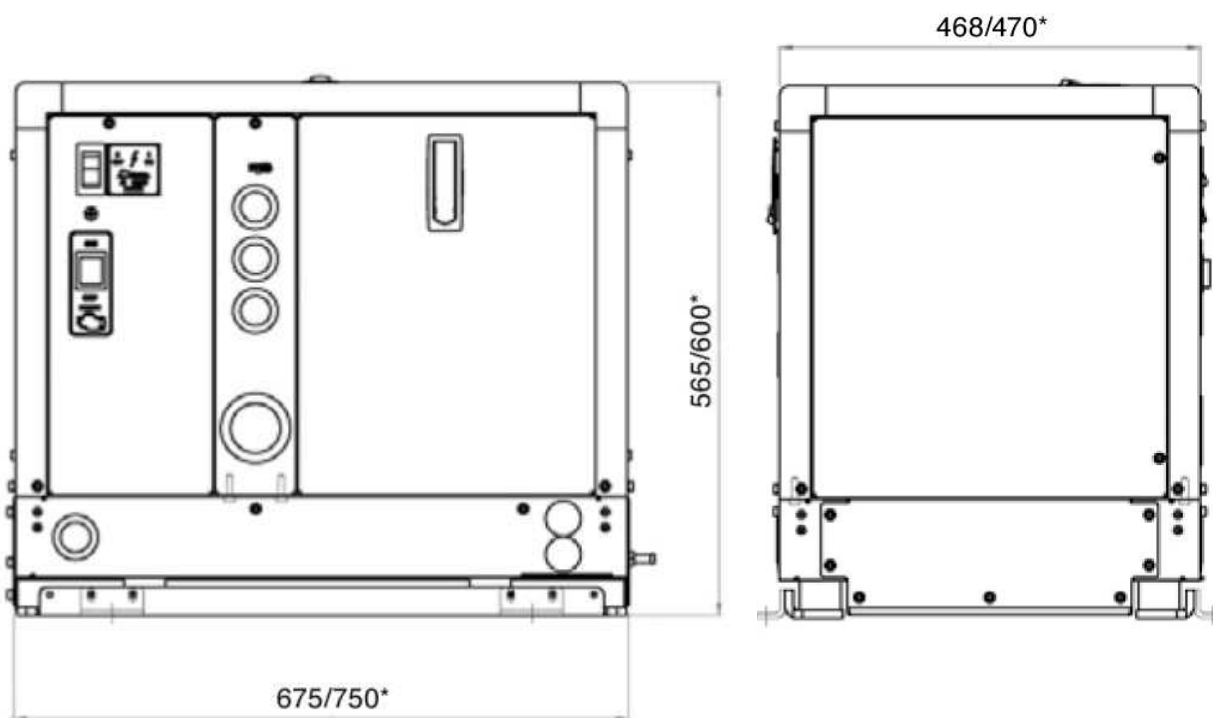
ENGINE

	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 (Lenght 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

RETAIL PRICE LIST (Euro)

Part Nr.	Model	Control Panel	Price*	Centek Muffler* Part Nr. 1500026	Total price*
020MINI003137	MINI 60E 50Hz	included			Contact Office for Latest Pricing
020MINI003138	MINI 60E 60Hz	included			

Indicated prices are net of VAT, ex works Buccinasco (Milan), packing at cost, and can vary without prior notice.

Optional: Gen-Sep Centek* (Part Nr. 1020200):

* Prices subject to VAT