

Standard Features

Engine

- Kubota D722, 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)



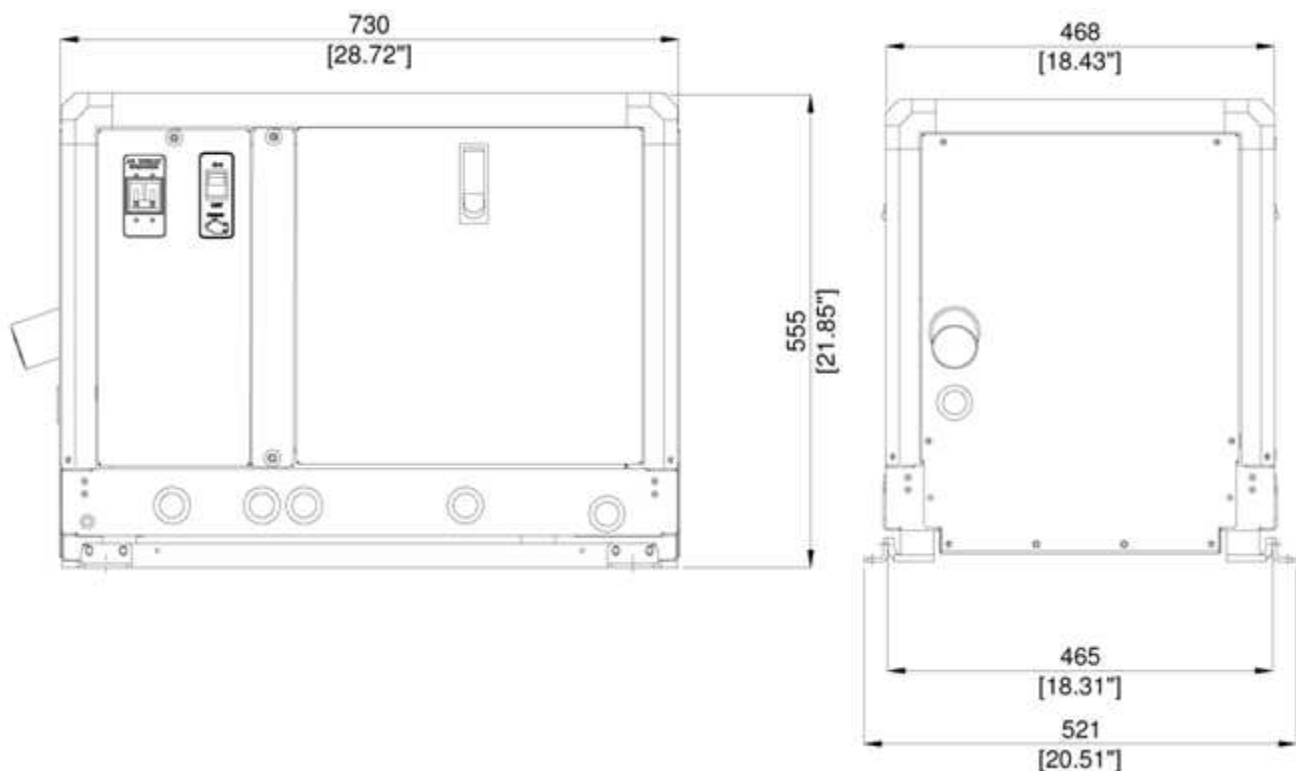
MOTORE

	50hz	60Hz
Model	Kubota D722	
Type	Diesel, 4 stroke	
Power (HP)	16,6	20,0
Bore/Stroke mm (inch)	67/68 (2.64 x 2.68)	
Displacement (cc)	719	
RPM	3000	3600
Compression ratio	23.5 : 1	
Combustion system	Direct injection	
Speed governor	Centrifugal mechanical	
Lubrication system	Forced	
Starting battery (Ah-V)	45-12	
Max. Inclination	30°	
Water pump flow (l/min)	20	
Certification	–	EPA Tier III

ALTERNATORE

	50Hz	60Hz
Type	Brushless, synchronous 2-poles, self-excited	
Voltage (V)	115-230	120-240
Frequency (Hz)	50	60
Amps	74,7-37,6	80-40
Max. Power output (kW)	8,6	9,6
Continuous power output (kW)	7,8	8,8
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)	730 x 468 x 555mm (28.7 x 18.4 x 21.8 in)	
Weight	185Kg – 407lb (with sound shield)	
Noise level	54 dB(A) at 7m (23ft)	56 dB(A) at 7m (23ft)



RETAIL PRICE LIST (Euro)

Part Nr.	Model	Control Panel	Price	Centek Muffler Part Nr. 1500026	Total Price
050MINI003158	MINI 90E 50Hz	included			Contact Office for Latest Pricing
050MINI003162	MINI 90E 60Hz	included			

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

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