

**SUPER
SILENCED**

Soundproof box



Easy installation



Compact

The engine is cooled by a coolant loop in a closed circuit. The system consists of a heat exchanger, inside which the heat exchange between coolant and sea water takes place. Two separate pumps provide for the circulation of coolant and seawater. Air flows ensure effective cooling of the alternator.

The excellent accessibility makes maintenance operations easier, even with the generator installed in confined environments.



Control panel

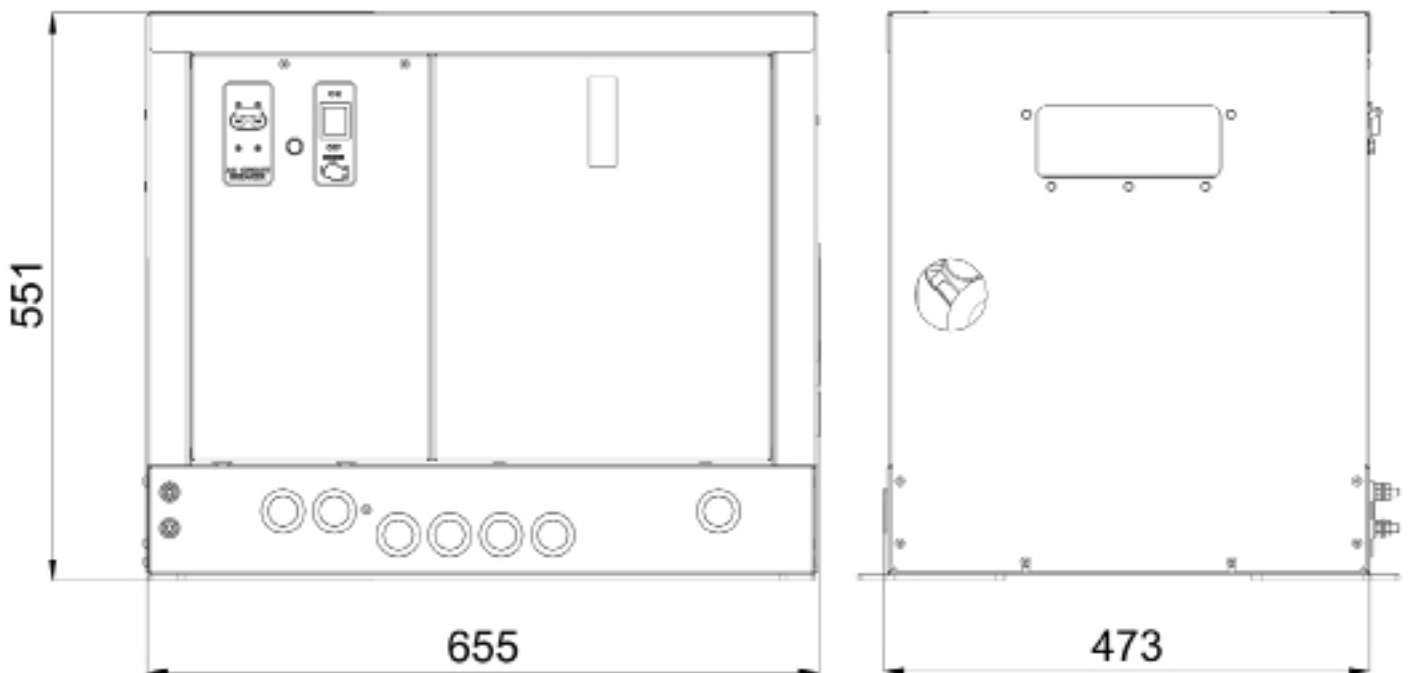
- _ CBU EVO IL4 device controls and drives the genset. The large display and control pushbuttons allow easy use and monitoring:
 - Manual start
 - Voltage Vac
 - Frequency Hz
 - Hour meter
 - Genset battery voltage
 - Oil low pressure alarm
 - Engine preheating
 - Engine high temperature alarm
 - Alternator battery charger failure alarm
 - Protection alarm for frequency and rpm
 - Alarm history
 - Maintenance warnings
 - General alarm outlet
 - RUN outlet
 - Ready outlet
 - Programmable AUX outlet
- _ Emergency stop button
- _ Magneto-thermal protection

Engine

- _ Easy maintenance access to the feeding and lubrication systems, the sea water pump and the air filter
- _ Double vibration dumping system
- _ Oil drain pump

Soundproof cabin

- _ Made of extremely light marine aluminum with very high resistance to external agents



50 Hz

60 Hz

AC alternator -	Synchronous, 2 poles, brushless, with capacitors	
Cooling	Air	
Voltage	115 - 230 V	120 - 240 V
Frequency	50 Hz	60 Hz
Amps	53 - 26.5 A	59.2 - 29.6 A
Max power	6.1 kW	7.1 kW
Continuous power	5.6 kW	6.6 kW
Power Factor	cos ϕ 1	
Insulating class	H	
Voltage stability	$\pm 10\%$	
Frequency stability	$\pm 5\%$	

The power is referred to an atmospheric pressure of 100 kPa, a humidity percentage of 30% and an ambient temperature of 25°C.

Model	Kubota Z482	
Type	Diesel	
Cylinder block material	nr 2	
Cylinders	Cast iron	
Bore	67 mm - 2.64 in	
Stroke	68 mm - 2.68 in	
Displacement	479 cc - 29.23 CID	
Power	11.5 hp - 8.46 kWm (at 3000 RPM)	13.3 hp - 9.78 kWm (at 3600 RPM)
RPM	3000	3600
Compression ratio	23.5:1	
Engine head material	Indirect injection	
Combustion system	Cast iron	
Speed governor	Mechanical	
Lubrication system	Forced	
Oil sump capacity with filter	1.7 l - 0.48 gl	
Engine stop system	Electromagnet	
Fuel pump	Electric	
Max. fuel pump head	700 mm - 27.5 in	
Fuel consumption	2.6 l/h - 0.69 gl/h	2.7 l/h - 0.71 gl/h
Air intake		
Starting battery	55 Ah - 12 V	
Battery charger	14 Ah - 12 V	
Starter motor	0.8 kW - 12 V	
Max. inclination	25°	
Water pump flow	20 l/min - 5.28 gl/min	
Sea water inlet pipe \emptyset	16 mm - 5/8"	
Exhaust pipe \emptyset	50 mm - 2"	
Input/Output fuel pipe \emptyset	8 mm - 5/16"	

Dimensions (L x W x H)	655 x 473 x 551 mm - 25.8 x 18.6 x 21.7 in (with soundproof box)	
Weight	155 Kg - 342 lb (with soundproof box)	
Noise Level	55 dBA at 7 mt (23 ft)	56 dBA at 7 mt (23 ft)



Accessory

Code

Accessories on request

• Complete installation kit D.50: filtering, discharge, and anti-siphon D.16	012276
• Filtering kit: sea water inlet, sea water strainer, taps, fittings D.16 - ref.3	04349
• Exhaust kit: muffler, silencer, exhaust outlet D.50 MASE	04658
• Super silenced exhaust kit & exhaust gas separator D.50 MASE	010078
• Siphon break D.16 - ref.2	04290
• Muffler D.50 MASE	70795
• Silencer D.50 MASE	71809
• Water/gas separator MASE D.50	04488
• Vetus LP50 muffler	71148
• Vetus MP50 silencer	71751
• Silencer c.71751 with soundproofing sponge	039866
• Vetus LGS5038 separator	71717
• Centek 2" muffler - ref.4	71155
• Centek 2" water/gas separator - ref.5	71156
• Remote START/STOP KIT with 20m cable for CBU (3000 RPM) - ref.1	041238
• Cruise Kit	913886

