

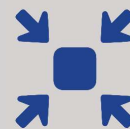


**SUPER
SILENCED**

Soundproof box



Easy installation



Compact

The W/A intercooler ensures the optimal functioning of the generator regardless of the external ambient temperature, allowing the alternator and engine to operate at ideal temperatures, optimizing the performance and reliability of the gen-set.

The permanent magnet alternator (PMG) offers excellent efficiency, and its compact design enables it to be installed within the canopy, providing a space-saving machine with the best possible performance, even in tight spaces.

Thanks to their ability to automatically calibrate based on the required power, GVi generators can adjust the engine speed in real-time, ensuring extremely quiet and energy-efficient operation.

The generator can be installed in any room on the vessel without the need for ventilation blowers.

Extremely compact and quiet, the generator is equipped with a dual shock-absorbing system to enhance comfort: the first one absorbs vibrations from the engine-alternator to the frame, while the second one absorbs residual micro-vibrations from the frame to the vessel.



Control panel

Controller with digital display for complete monitoring of generator parameters:

- Manual start
- Voltage vac
- Frequency Hz
- Engine RPM
- Hourmeter
- Genset battery voltage
- Engine oil pressure
- Low oil pressure alarm
- Engine temperature
- Engine preheating
- High engine temperature warning and shutdown alarm
- High alternator temperature warning and shutdown alarm
- Alarms history
- Maintenance warning + 10 mt connection cable
- Emergency stop button
- Thermal protection

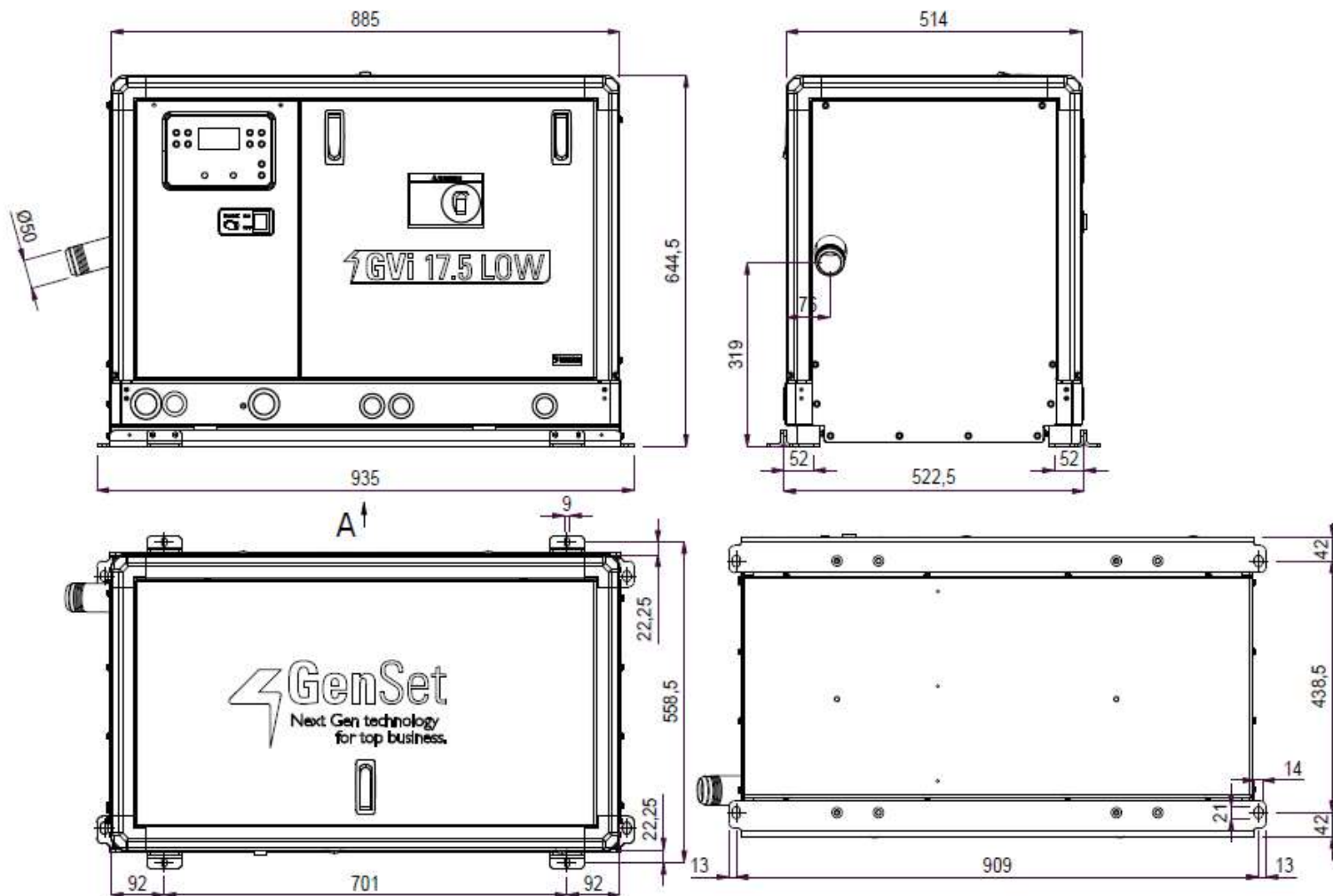
Engine

- Easy access in case of maintenance of feeding system, lubrication system, sea/water pump and air filter
- Safety stop in case of low oil pressure
- Safety stop in case high engine temperature or exhaust gas temperature
- Oil filter and fuel filter easy to replace
- Quick access to seawater pump

Soundproof cabin

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

TECHNICAL DRAWINGS IN MM



50 Hz

60 Hz



AC alternator	Permanent magnet (PMG)	
Cooling	Air/Water (Intercooler W/A)	
Voltage	230 - 240 V	
Frequency	50 Hz	60 Hz
Amps	70.4	67.5
Continuous power	16.2 kW	
Power Factor	1 cos ϕ	
Insulating class	H	
Voltage stability	$\pm 1\%$	
Frequency stability	$\pm 1\%$	

The power is referred to a sea water temperature up to 27°, an atmospheric pressure of 100 kPa and a humidity percentage of 30%

Model	Kubota V1505-E4B	
Type	Diesel 4 stroke	
Cylinders	nr 4	
Cylinder block material	Cast iron	
Bore	78 - 3.07 mm-in	
Stroke	79.4 31.25 mm-in	
Displacement	1498 - 91.4 cc-CID	
Power	24.8 - 18.5 hp-kWm	
RPM	1450	2300
Compression ratio	19.1:1	
Combustion system	Direct	
Engine head material	Cast Iron	
Speed governor	Electronic by actuator	
Lubrication system	Forced	
Oil sump capacity with filter	6.7 - 17.69 l/gl	
Engine stop system	Stop solenoid	
Fuel pump	Electric	
Max. fuel pump head	70 - 2.29 cm-ft	
Fuel consumption	4.1 - 10.83 l/h-gl/h	
Starting battery	80 - 12 Ah-V	
Battery charger	75 - 12 Ah-V	
Starter	1.2 - 12 kW-V	
Max. inclination	30°	
Water pump flow	22 - 5.8 l/min-gl/min	
Sea water inlet pipe \emptyset	20 - 0.78 mm-in	
Exhaust pipe \emptyset	50 - 1.96 mm-in	
Input/Output fuel pipe \emptyset	8 - 0.31 mm-in	

Dimensions (L x W x H)	885 x 514 x 648 mm - 34.8 x 20.2 x 25.5 in (with soundproof box)
Weight	252 Kg - 555 lb (with soundproof box)
Noise Level	50 dBA at 7 mt (23 ft)



Accessories on request

Accessory	Code
1. Remote START/STOP panel (20 mt cable)	037698
2. Remote start panel with display (20 mt cable)	039608
3. Exhaust kit	04658
4. Siphon break	03796
5. Raw water filter kit	016422
6. Super silenced plastic exhaust kit with separator	010078
7. Centek 2" Muffler	71155
8. Water/exhaust gas separator - 2" Centek	71156
• Insulated two poles kit	-



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NOTE

