

**SUPER  
SILENCED**

Soundproof box



Easy installation



Compact

The intercooler W/A assures the perfect functioning of the generator independently of the external ambient temperature, therefore the alternator and the engine will work at ideal temperature optimizing the performance and reliability of the gen-set.

The generator may be installed in any room on the vessel without the need of ventilation blowers. Extremely compact and quiet, the generator is equipped with a double shock absorbing system to increase comfort: the first one absorbs vibrations from engine-alternator to the frame, the second one absorbs residual micro-vibrations from frame to vessel.



# GSi 10.5 T - GSi 11.6 T STANDARD EQUIPMENT

## Control panel

\_ The CBU module is equipped with a large display and includes multiple functions for the complete monitoring of the generator:

- Manual start
  - Voltage Vac
  - Frequency Hz
  - Engine rpm
  - Hour meter
  - Genset battery voltage
  - Oil low pressure alarm
  - Engine high temperature alarm
  - Alternator high temperature alarm
  - Alarm history
  - Maintenance warnings and 10 meters connection cable
- \_ Emergency stop button  
\_ Magneto-thermal protection

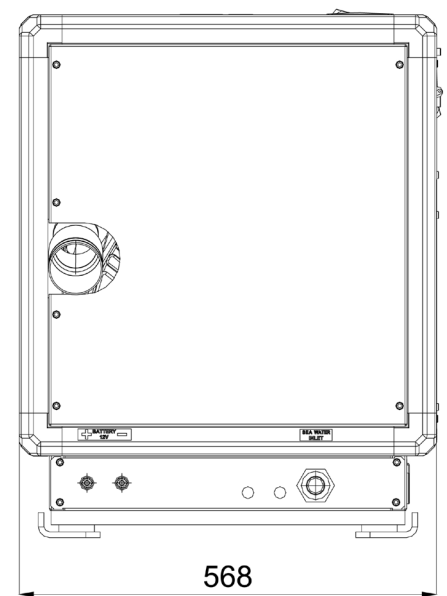
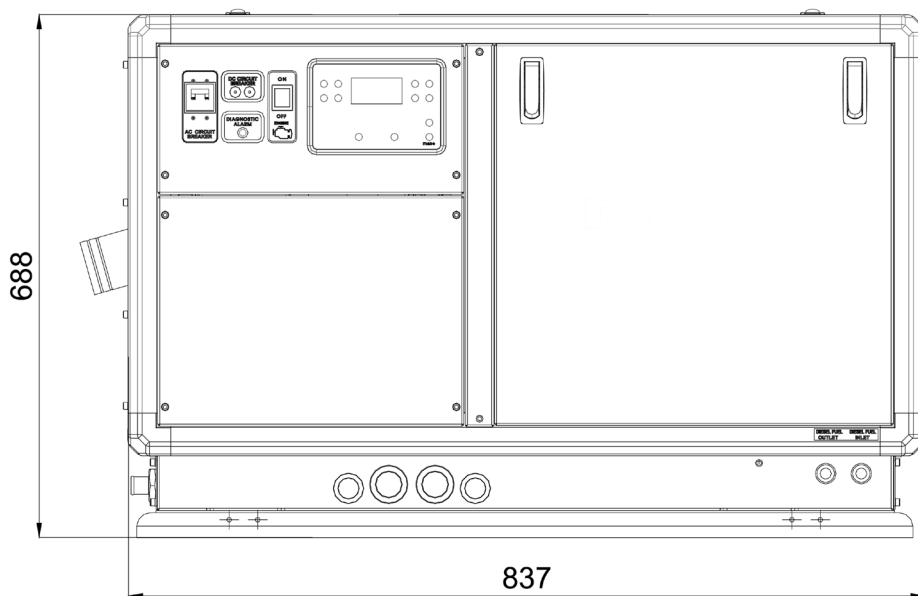
## Engine

- \_ 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

Insulated poles kit (for metal hull boats), dry exhaust kit and keel cooling kit are available on request



## 50 Hz

## 60 Hz

AC alternator	Synchronous, 4 poles, self-energized, brushless, with AVR	
Cooling	Air/Water (Intercooler W/A)	
Voltage	400 V	480 V
Frequency	50 Hz	60 Hz
Amps	14.5 A	13.8 A
Max. Power	10 kVA	11.5 kVA
Continuous power	9.1 kVA	10.3 kVA
Power Factor	cos $\phi$ 0.8	
Insulating class	H	
Voltage stability	$\pm 2\%$	
Frequency stability	$\pm 5\%$	

The power is referred to a sea water temperature up to 31°, an atmospheric pressure of 100 KPa and a humidity percentage of 30%

Model	Yanmar 3TNV80F	
Type	Diesel	
Cylinders	nr 3	
Cylinder block material	Cast iron	
Bore	80 mm - 3.15 in	
Stroke	84 mm - 3.31 in	
Displacement	1267 cc - 77.32 CID	
Power	12.74 hp - 9.37 kWm (a 1500 giri)	14.35 hp - 10.56 kWm (a 1800 giri)
RPM	1500	1800
Compression ratio	23:1	
Combustion system	Direct injection	
Engine head material	Cast iron	
Speed governor	Centrifugal mechanical	
Lubrication system	Forced	
Oil sump capacity with filter	3 l - 0.85 gl	
Engine stop system	Solenoid valve	
Fuel pump	Mechanical	
Max. fuel pump head	700 mm - 27.5 in	
Fuel consumption	2.3 l/h - 0.61 gl/h	2.9 l/h - 0.77 gl/h
Air intake	790 l/min - 28 cfm	904 l/min - 32 cfm
Starting battery	65 Ah - 12 V	
Battery charger	40 Ah - 12 V	
Starter motor	1.2 kW - 12 V	
Max. inclination	25°	
Water pump flow	25 l/min - 6.6 gl/min	28 l/min - 7.4 gl/min
Sea water inlet pipe $\varnothing$	16 mm - 5/8"	
Exhaust pipe $\varnothing$	50 mm - 2"	
Input/Output fuel pipe $\varnothing$	8 mm - 5/16"	

Dimensions (L x W x H)	837 x 568 x 688 mm - 33 x 22.4 x 27.1 in (with soundproof box)	
Weight	295 Kg - 650 lb (with soundproof box)	
Noise Level	49 dBA at 7 mt (23 ft)	51 dBA at 7 mt (23 ft)



## Accessory

## Code

Accessories on request

• Complete installation kit D.50: filtering, exhaust, and siphon break D.16	012276
• Filtering kit: sea water inlet, water filter, valves, fittings D.16 - ref.4	04349
• Exhaust kit: muffler, silencer, exhaust outlet D.50 MASE	04658
• Super silenced exhaust kit and separator D.50 MASE	010078
• Siphon break kit D.16 - ref.3	04290
• MASE muffler D.50	70795
• MASE silencer D.50	71809
• MASE water/gas separator 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.5	71155
• Centek 2" water/gas separator - ref.6	71156
• Remote START/STOP panel with 20m cable for Comap IL4 - ref.1	037561
• Comap IL4 remote start panel with 20m cable - ref.2	039607
• Cruise Kit 2024	913831

