



**SUPER  
SILENCED**

Soundproof box



Easy installation



With inverter

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 6000i - 6006i

# STANDARD EQUIPMENT



## Control panel



CBU control panel (Mod-Bus transmission Unit)

- New design, latest technology, big display and soft touch buttons for quick menu navigation, start and stop procedure, IP54 protection grade.
- Very compact 86x124mm (3.84x4.9 in) with a shielded connecting cable 10mts (32.8 ft) long. The CBU has many functions for an easy monitoring of the generator:
  - ON/OFF/START/STOP/MENU controls.
  - Digital hour-meter, main voltage, generator battery voltage, frequency, service time, event list of last 10 alarms and time.
  - 13 different alarms icons displayed.
  - 485 Mod-Bus connector for monitoring generator by boat main control monitor.

## 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.
- Double vibration dumping system.
- Oil filter and fuel filter easy to replace.
- Oil drain pump provided.

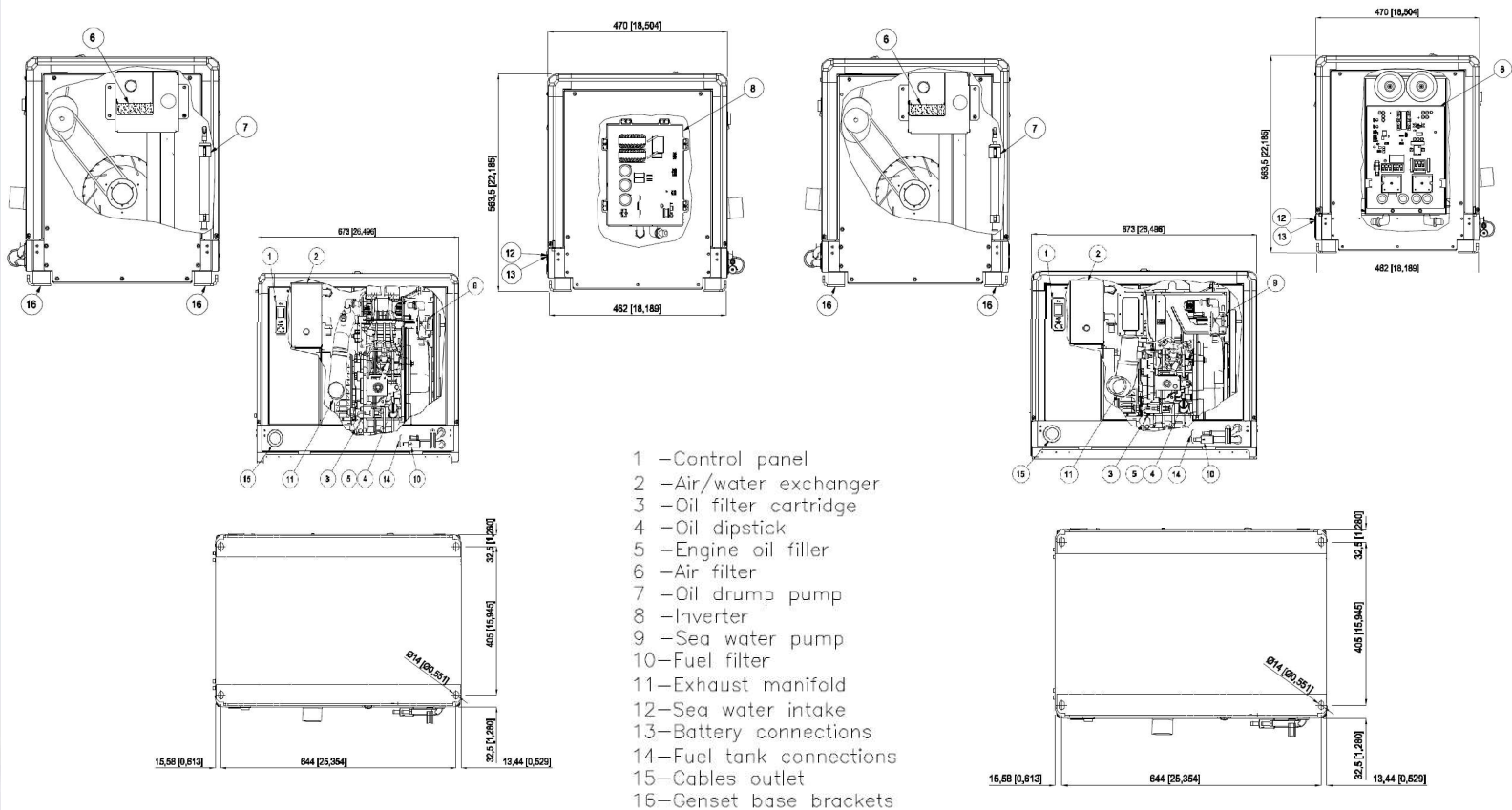
## Soundproof cabin

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

## TECHNICAL DRAWINGS IN MM

GSi 6000i

GSi 6006i



50 Hz

60 Hz



AC alternator
Cooling
Voltage
Frequency
Amps
Max. Power
Continuous power
Power Factor
Insulating class
Voltage stability
Frequency stability

Permanent magnets (PMG)		
Air/Water (Intercooler W/A)		
230 V		240 V
50 Hz		60 Hz
22.17		17.91
6 kW		
5.1 kW		4.3 kW
1 cos $\phi$		
H		
$\pm 1\%$		
$\pm 1\%$		

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
Type
Cylinders
Cylinder block material
Bore
Stroke
Displacement
Power
RPM
Compression ratio
Combustion system
Engine head material
Speed governor
Lubrication system
Oil sump capacity with filter
Engine stop system
Fuel pump
Max. fuel pump head
Fuel consumption
Air intake
Starting battery
Battery charger
Starter
Max. inclination
Water pump flow
Sea water inlet pipe $\phi$
Exhaust pipe $\phi$
Input/Output fuel pipe $\phi$

Yanmar L100N		Yanmar L100W
Diesel 4 stroke		
nr 1		
Aluminium		
86 - 3.38 mm-in		
75 - 2.95 mm-in		
435 - 26.5 cc-CID		
8.8 - 6.5 hp-kWm		
3200		3300
20:1		
Direct injection		
Aluminium		
Centrifugal mechanical		
Forced		
1.65 - 0.43 l-gl		
Stop solenoid		
Electric		
70 - 2.29 cm-ft		
1.65 - 0.43 l/min-gl/min		1.8 - 0.47 l/min-gl/min
600 - 158.5 l/min-gl/min		660 - 174.35 l/min-gl/min
45 - 12 Ah-V		
15 - 12 Ah-V		
0.8 - 12 kW-V		
30°		
20 - 5.3 l/min-gl/min		
15 - 0.6 mm-in		
50 - 1.96 mm-in		60 - 2.36 mm-in
8 - 0.31 mm-in		

Dimensions (L x W x H)
Weight
Noise Level

675 x 468 x 565 mm - 26.5 x 18.4 x 22.2 in (with soundproof box)		
130 Kg - 287 lb (with soundproof box)		
56 dBA at 7 mt (23 ft)		58 dBA at 7 mt (23 ft)

Accessories on request

Accessory	Code
1. Exhaust kit	04654*
2. Siphon break	04290
3. Raw water filter kit	04349
4. Plastic exhaust kit with separator	010078*
5. VTR separator and exhaust	-*
• Insulated poles kit	-

\*GSi 6000i only



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