GS 10.5 TS - 11.6 TS

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.

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GS 10.5 TS - 11.6 TS STANDARD EQUIPMENT

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

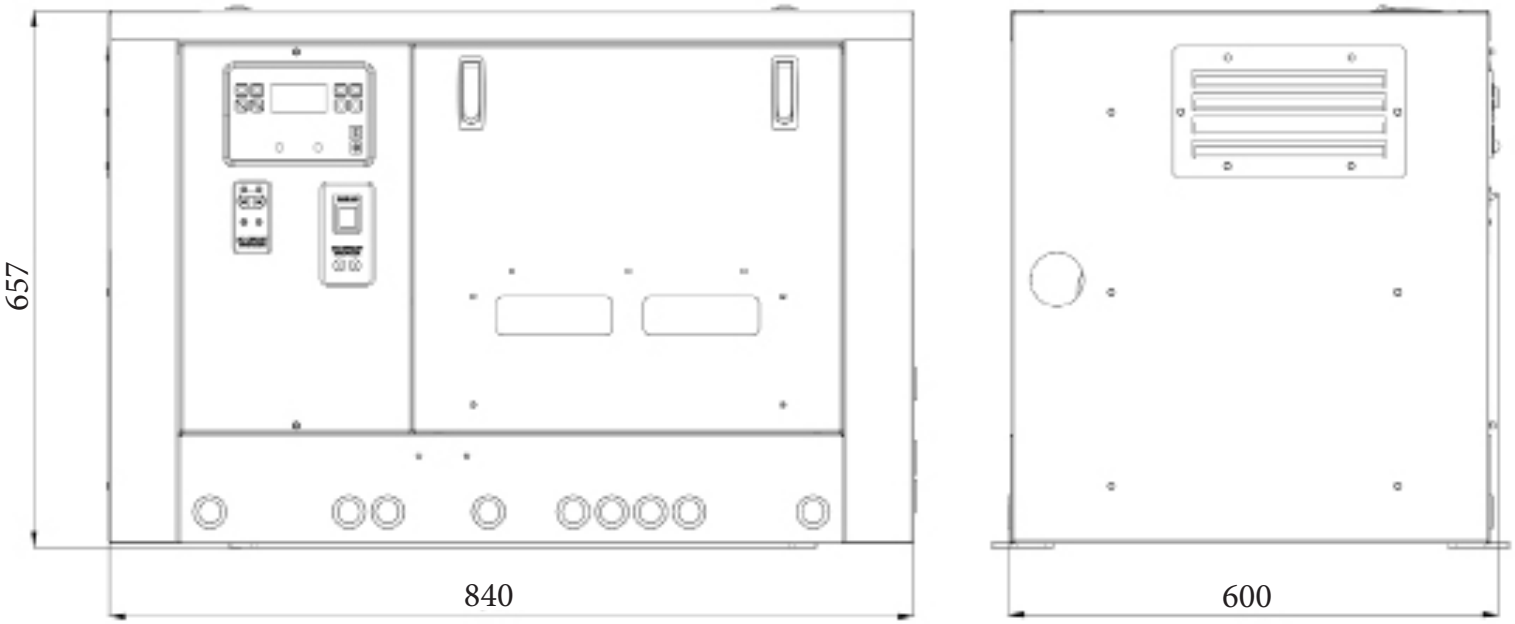
_ Easy maintenance access to the feeding and lubrification systems,
the sea water pump and the air filter

_ Double vibration dumping system

_ Oil drain pump

Soundproof cabin

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



GS 10.5 TS - 11.6 TS TECHNICAL DATA

	50 Hz	60 Hz
AC alternator -	Synchronous, 4 poles, with AVR	
Cooling	Air	
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	9.2 kVA	10.2 kVA
Power Factor	cos ø 0.8	
Insulating class	H	
Voltage stability	±2%	
Frequency stability	±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	Yanmar 3TNV80F	
Type	Diesel	
Cylinder block material	nr 3	
Cylinders	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	
Engine head material	Direct injection	
Combustion system	Cast iron	
Speed governor	Mechanical	
Lubrication system	Forced	
Oil sump capacity with filter	3 l - 0.85 gl	
Engine stop system	Electromagnet	
Fuel pump	Electric	
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 Ah - 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 Ø	16 mm - 5/8"	
Exhaust pipe Ø	50 mm - 2"	
Input/Output fuel pipe Ø	8 mm - 5/16"	

Dimensions (L x W x H)	840 x 600 x 657 mm - 33 x 23.6 x 25.8 in (with soundproof box)	
Weight	295 kg - 650 lb (with soundpoof box)	
Noise Level	51 dBA at 7 mt (23 ft)	53 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	913888

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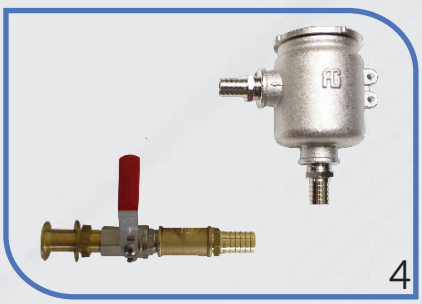
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