



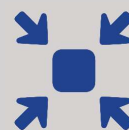
Variable speed

**SUPER  
SILENCED**

Soundproof box



Easy installation



Compact



Inverter

Cutting edge marine generator that automatically calibrates to the required power, the engine revs vary depending on the load request between 2100 and 3150 RPM.

Inside the enclosure that houses the engine and a particularly compact permanent magnet alternator (PMG) there is as well the Inverter which avoids the external circulation of large cables with high voltages.



## GVi 12800

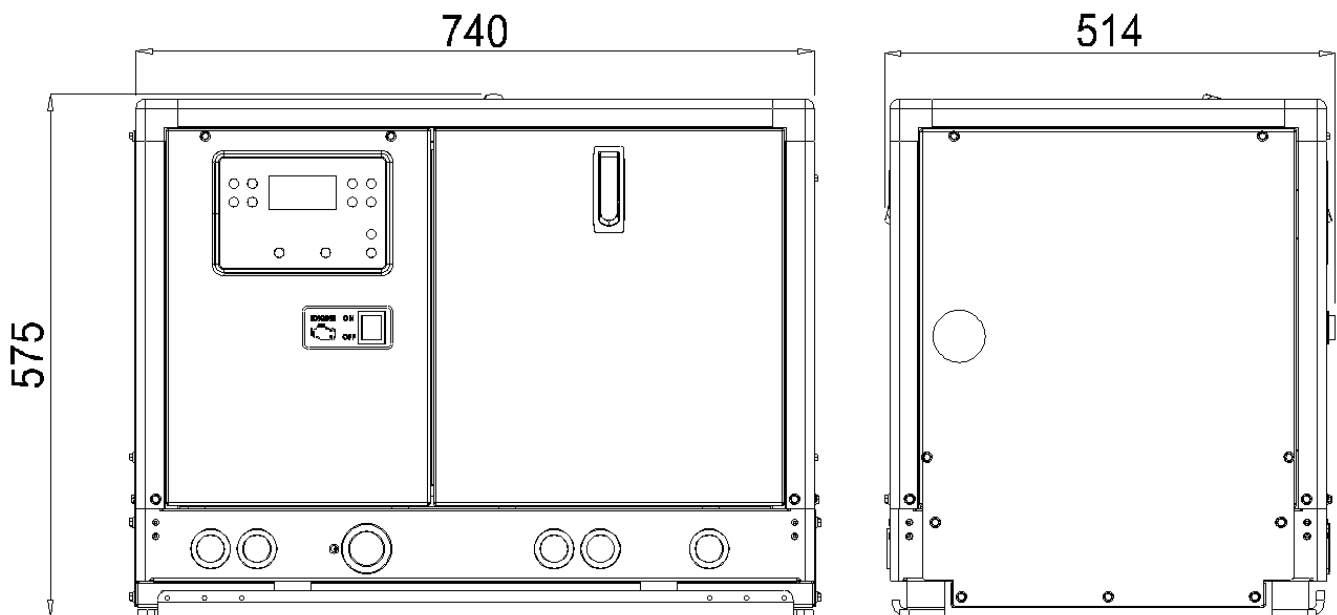
Controller with digital display for full monitoring of generator parameters: start, voltage, frequency, power, amperage, engine rpm, hourmeter, genset battery voltage, engine oil pressure, engine and alternator temperature, engine pre-heating, alternator battery charger failure alarm, inverter failure alarm, protection alarm for overload, short circuit, high and low voltage, high and low frequency, high and low rpm, alarms history, maintenance warning

- Other features: direct ECU communication via CAN line, possibility to disable all protections (emergency mode operation), automatic start for low battery voltage level, possibility for a Start/Stop remote switch (AUT mode), possibility to have multiple remote devices

- Emergency stop button
- 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
- Cooling system: intercooler system heat exchanger (sea water/air) that provides the optimal temperature for the best performance and reliability of the gensets despite the on board allocation and the roomtemperature
- Soundproof cabin made of extremely light marine aluminum with very high resistance to external agents



## DIMENSIONS IN MM



GVi 12800	
Noise level Lwa	55 dBA @ 7 mt
AC generator-50/60Hz	PMG
Cooling	Air/water (Intercooler W/A)
Single-phase max. power	12,8 kW
Voltage (V)	230 - 240
Power Factor	cos $\phi$ 1
Voltage stability	$\pm 1\%$
Frequency stability	$\pm 1\%$
Yanmar VS engine	3 TNV 74 F
Fuel	Diesel
No. cylinders	3
Power	18,4 HP
Displacement	993 cm <sup>3</sup>
Injection system	Indirect
Speed governor	Electronic with actuator
Starting system	Electric
Insulation Class	H
Ambient temperature	40 °C
Altitude	1000 mt
Degree of protection	IP 23
Dimensions (LxWxH)	740x514x575 mm
Dry weight	195 kg
Max. inclination	30°
Water pump flow (l/min)	22



## GVi 12800

Accessories  
on request

- Siphon break
  - Filter kit
  - Exhaust kit
- Separator and exhaust advice
- Remote START/STOP panel (20 mt cable)
- Remote start panel with display (20 mt cable)
  - Insulated two poles kit

### NOTE

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