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POWER ON BOARD

GX SERIES GENERATOR SETS



VETUS is proud to present their complete new range of marine diesel generator sets from 5 up to 24 kVA.

These new GX generator sets are available in 50 and 60 Hertz and are reliable, easy to maintain and exceptionally quiet.

The range includes six different models from 5 kVA up to 24 kVA. Almost all generator sets can be supplied with or without a compact sound proof box, except the 5 kVA which is only available including sound proof box.

To help you select the best possible power-on-board solution, our skilled dealer network is available for advice and installation.

Generator set range from 5 to 24 kVA

- **Improved durability, reliability and performance**
- **Very low noise levels**
- **High quality generator components**
- **Easy installation, operation, and maintenance**
- **Supplied with installation components**
- **Worldwide installation & service network**

GX SERIES GENERATOR SETS



The GX generator set range

- Generator sets from 5 kVA to 24 kVA
- Low speed and high speed types available
- Single phase (230 V) and three phase (400 V)
- Compact dimensions

VETUS GX generators range from 5 kVA to 24 kVA and are available in 50 or 60 Hertz outputs. The base engines are carefully selected for power output and fuel economy, depending on the speed and output of the generator.

These GX generator sets operate at fixed engine speeds. Low speed (1500 rpm) generator sets are recommended for commercial applications, prolonged usage and live-aboard vessels, due to reduced wear rates and lower noise levels. High speed (3000 rpm) generator sets are more suited to leisure applications and make installation possible even in confined spaces, due to their compact dimensions and lower weight.

Durability, reliability and performance

- The basis of all VETUS generator sets is a marine diesel engine which is marinised in-house by VETUS
- These VETUS engines are very reliable and also highly fuel efficient
- Innovative cooling system to improve performance and reduce sound levels

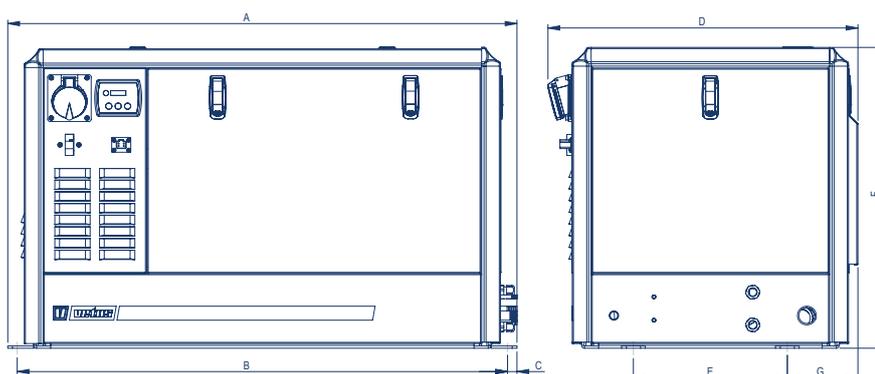
All VETUS marine diesel engines are marinised in-house to meet and exceed the latest standards. They feature specific benefits that are unique to the market. One of the most notable new features of the VETUS M-Line engines fitted to sets from 6 kVA up to 14 kVA is the cast aluminium top cover. This cover provides two advantages: reduction of heat and sound.

High ambient temperatures in the sound enclosure can have negative effects on engine performance. VETUS has developed an elegant yet efficient solution by fitting a water-cooled aluminium engine cover. Located directly above the cylinder head, this huge cooling element absorbs radiant heat coming from the engine. The innovative concept results in a significant temperature reduction of up to 20% and better performance of the generator.



Dimensions

	GHX 5 SIC	GLX 6/7 SIC / TIC	GHX 8/9 SIC / TIC	GHX 14/17 SIC / TIC	GLX 14/17 SIC / TIC	GLX 20/24 TIC
A (mm)	770	927	884	1082	1172	1292
B (mm)	730	887	844	1042	1132	1332
C (mm)	20	20	20	20	20	20
D (mm)	499	657	659	659	659	739
E (mm)	225	297	327	327	327	407
F (mm)	544	644	571	641	644	694
G (mm)	110	165	150	150	150	150



Specifications

- Voltage tolerance: plus or minus 2%
- Protection: IP55
- Max. ambient temperature: 40°C
- Max. raw water temperature: 30°C
- Noise level (GLX) with sound-proof box: 57 dB(A)
- Noise level (GHX) with sound-proof box: 65 dB(A) / 68 dB(A)
- Max. cont. angle of inclination: fore and aft: 15° athwartships: 25°



Remote control panel

All VETUS generator sets are standard supplied with a remote control panel (MPRGEN) including eight metre cable. This panel has an on/off switch and buzzer. The panel has an indicator led for battery tension and engine failure. Extension cables and Y-connectors are available as an option.



Instrument panel

All GX generator sets are supplied with a digital control panel. This panel feature an auto demand function to start the generator whenever AC power is required. The backlit LCD screen displays output voltage, frequency, engine speed, warnings and shutdown status. In addition, the panel incorporates a tamper-proof hour counter for monitoring and maintenance periods.

- Auto start and stop function
- Remote panel and harness included
- Back-lit LCD display
- Shows all relevant information, warnings and alarms
- IP65 rating



Low noise

- Sturdy aluminium engine cover acts as a sound barrier
- Aluminium sound proof box

The sturdy, water-cooled aluminium engine cover significantly reduces the noise level. When combined with a redesigned engine air filter, tests show a sound reduction of about 5 dB(A). In addition, the acoustic enclosure is specially developed to reduce the sound coming from the generator set to a minimum.

All aluminium enclosure panels are clad with VETUS acoustic insulation material. The front, top and end panels are easily removable for maintenance purposes. These measures result in a generator set that offers optimal comfort on board.

High quality generator

- Very clean sine wave
- No signal noise
- Overload protection
- High efficiency
- Brushless
- Electronic AVR

The generators used in the GX generator range are specially designed for marine applications. The high quality standard of design, insulation, and finish guarantee a long and reliable life time in the harsh marine environment.

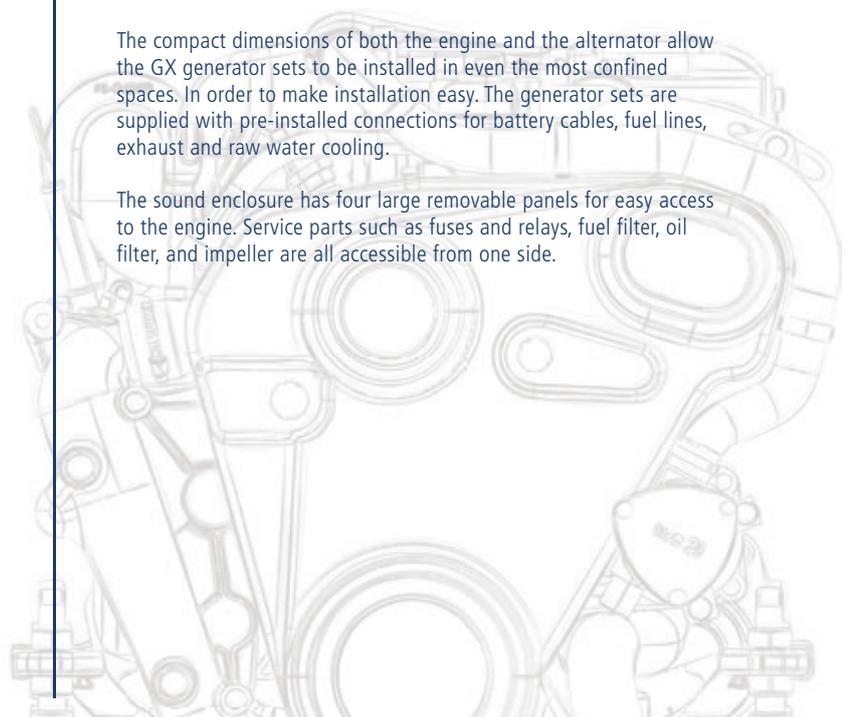
These generators have a very clean sine wave ensuring minimal interference with sensitive electrical equipment on board, such as air conditioning and computers.

Easy installation and maintenance

- High serviceability
- All service parts are located at one side of the generator set
- Pre-installed connections for battery cables, fuel supply and return, exhaust and raw water
- Easy connection with CEE form connectors

The compact dimensions of both the engine and the alternator allow the GX generator sets to be installed in even the most confined spaces. In order to make installation easy. The generator sets are supplied with pre-installed connections for battery cables, fuel lines, exhaust and raw water cooling.

The sound enclosure has four large removable panels for easy access to the engine. Service parts such as fuses and relays, fuel filter, oil filter, and impeller are all accessible from one side.



GX SERIES GENERATOR SETS



The Line-up

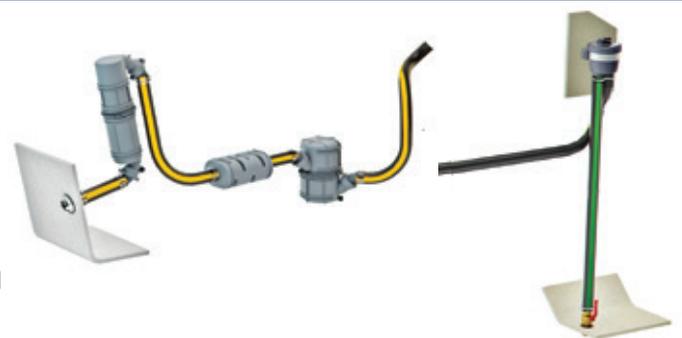
The table below includes the main specifications of each generator type. All sound enclosures are rated IP52. All generators have electrical insulation to Class H(180). For detailed information please contact your VETUS representative.

Type	Power	Engine speed (rpm)	Frequency	Phases	Voltage	Engine type	Enclosure dims. L x W x H (mm)
50 Hertz							
GHX5SIC	5 kVA	3000	50 Hz	1	230	VC1.08	770 x 499 x 544
GHX8SIC	8 kVA	3000	50 Hz	1	230	M2.18	814 x 587 x 571
GHX8TIC	8 kVA	3000	50 Hz	3	230	M2.18	814 x 587 x 571
GHX14SIC	14 kVA	3000	50 Hz	1	230	M3.29	1012 x 587 x 641
GHX14TIC	14 kVA	3000	50 Hz	3	400	M3.29	1012 x 587 x 641
60 Hertz							
GLX6SIC	6 kVA	1500	50 Hz	1	230	M3.29	857 x 587 x 641
GLX6TIC	6 kVA	1500	50 Hz	3	230	M3.29	857 x 587 x 641
GLX14SIC	14 kVA	1500	50 Hz	1	230	M4.45	1012 x 587 x 641
GLX14TIC	14 kVA	1500	50 Hz	3	400	M4.45	1012 x 587 x 641
GLX20TIC	20 kVA	1500	50 Hz	3	3 x 230/400	VH4.65	1332 x 739 x 694
60 Hertz							
GHX9SIC	9 kVA	3600	60 Hz	1	120 or 240	M2.18	814 x 587 x 571
GHX9TIC	9 kVA	3600	60 Hz	3	120 or 240	M2.18	814 x 587 x 571
GHX17SIC	17 kVA	3600	60 Hz	1	120 or 240	M3.29	1012 x 587 x 641
GHX17TIC	17 kVA	3600	60 Hz	3	3 x 240/415	M3.29	1012 x 587 x 641
60 Hertz							
GLX7SIC	7 kVA	1800	60 Hz	1	120 or 240	M3.29	857 x 587 x 641
GLX7TIC	7 kVA	1800	60 Hz	3	120 or 240	M3.29	857 x 587 x 641
GLX17SIC	17 kVA	1800	60 Hz	1	120 or 240	M4.45	1012 x 587 x 641
GLX17TIC	17 kVA	1800	60 Hz	3	3 x 240/415	M4.45	1012 x 587 x 641
GLX24TIC	24 kVA	1800	60 Hz	3	3 x 240/415	VH4.65	1332 x 739 x 694

Standard scope of supply

- Complete exhaust system comprising: waterlock, muffler, gooseneck, outlet fitting and 3m exhaust hose
- Water intake kit comprising: water strainer, seacock, through-hull fitting and 2m water hose

All VETUS generator sets are supplied as standard with a complete exhaust system, raw water intake kit, remote control panel and 8 metre panel harness. This comprehensive standard supply is both convenient for ordering and ensures optimum performance of the generator set.



NEW: GHX5

VETUS presents an addition to the current generator set series: The GHX5! This latest addition to the VETUS generator set programme is based on an efficient 1-cylinder C-LINE VC1.08 engine and is very suitable for installation in small crafts. This small but powerful generator set has an AVR controlled generator and is a solid performer due to its electronic speed regulation. Because of the stable sine wave, this generator is suitable for use in combination with electronics such as a computer or washing machine. In other words, the compact and reliable partner for your boat.

Warranty and service

VETUS has over 50 years experience in producing reliable and compact marine engines and generator sets, ensuring safe and continuous boating pleasure for all customers. The international warranty period for generator sets is:

- 36 (thirty six) months or maximum 2000 (two thousand) operating hours depending on whichever comes first (generator operating speed of 1500 rpm).
- 36 (thirty six) months or maximum 1500 (fifteen hundred) operating hours depending on whichever comes first (generator operating speed of 3000 rpm).

In addition to this warranty period, VETUS guarantees during the subsequent 24 (twenty four) months, or an additional 1000 (one thousand) operating hours, depending on whichever comes first, the following engine parts: the cylinder block casting, the cylinder head casting, the crankshaft, the camshaft, the flywheel housing casting, the timing gear casting, the timing gears and the connecting rods.