WESTERBEKE 12.5 KW MARINE GASOLINE GENERATOR

A new, quiet, smooth running marine power-plant from Westerbeke

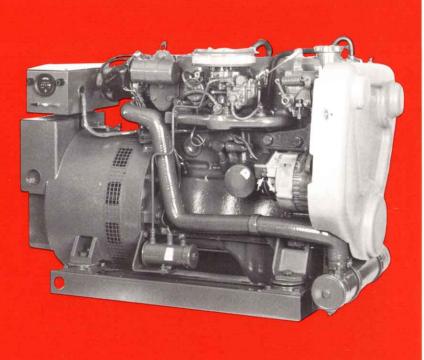
A small, reliable smooth running Generator Set for all your shipboard needs; electrical power at the turn of a switch for: Air Conditioning, Electric Cooking, Microwave Oven, Refrigeration, Cabin Appliances, Power Tools, and Navigation/Communication Equipment. Like all Westerbeke Generator Sets, it is fresh water cooled with an Engine mounted Heat Exchanger. The Engine and Generator are connected through special Drive Discs into a compact carefully aligned Generator Set. The complete unit is mounted on lightweight rails through soft flexible Isolator

Mounts that prevent the transfer of vibration. A lightweight removable Drip Tray is fitted under the unit between the mounting rails. The generator components meet the safety regulations of U.S. Coast Guard 33 CFR-183.

The Westerbeke 12.5 is lightweight, safe, dependable, durable and economical to operate. Designed to operate at a quiet 1800 RPM, the Westerbeke 12.5 offers 4 cylinder, 4 cycle smoothness to provide electrical conveniences usually found only on larger boats.

WESTERBEKE 12.5 KW GASOLINE MARINE ENGINE GENERATOR SET

- SMOOTH AND QUIET FOUR CYLINDER PERFORMANCE
- ENCLOSED FRESH WATER COOLING
- AUTOMATIC SAFETY SHUT-DOWNS
- SIMPLE ENGINE AND GENERATOR CONTROLS FOR RELIABILITY
- GASDENSER EXCLUSIVE ANTI-VAPOR LOCK FUEL SYSTEM



STANDARD EQUIPMENT

- Electric fuel lift pump
- · Overspeed shutdown
- High water temperature shutdown
- Low oil pressure shutdown
- Lightweight mounting rails
- · Vibration isolator mounts
- High exhaust temperature shutdown
- Belt guard
- · Running time-meter
- Down draft carburetor
- Flame arrestor (USCG approved)
- · Water injected elbow
- · Coolant recovery tank
- Lube oil drain hose
- Operator's & parts manual
- Removable drip tray

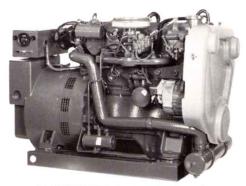
OPTIONAL EQUIPMENT

- Remote control panel
- · Ship/shore transfer switch
- Technical manual
- Hydro-Hush exhaust silencer
- Remote engine instruments
- · Spare parts kit





Remote Start-Stop Panel and Remote Instrument Panels are available as optional equipment.



The 12.5 K.W. features very compact dimensions and simplicity of design.



GASOLINE GENERATORS: 4.5, 7.0, 8.5, 9.0, 12.5, 15 kw's

WESTERBEKE 12.5 KW MARINE GASOLINE GENERATOR

DESIGN: Brushless, four pole, revolving field, self regulating, pre-lubricated single bearing design.

VOLTAGE REGULATION: Standard ±5% no load to full load.

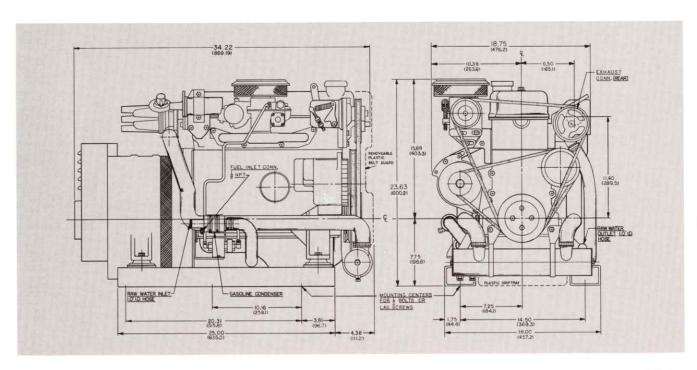
FREQUENCY REGULATION: 3 Hertz (5%) no load to full load. (Generator is capable of operation at either 50 or 60 Hertz by simple adjustments.)

INSULATION: Class "F" as defined by NEMA MG1-1.65. **TEMPERATURE RISE:** Within NEMA MG1-22.40 definition when operating at full load.

COOLING: Cast centrifugal blower, direct connected. **RADIO INTERFERENCE LEVEL:** Capacitors minimize interference within the limits of most marine applications.

MODEL	ELECTRICAL CHARACTERISTICS					RATING		ENGINE	
MODEL	Volts	Amps	Hertz	Phase	Wire	Power FActor	KW	RPM	START
BTG 12.5-614*	120/240	104/52	60	1	4	1.0	7.0	1800	Remote
BTG 10.0-514*	220	47	50	1	4	1.0	5.0	1500	Remote

^{*}Adjustable for 50 or 60 Hertz.



A MODERN GASOLINE ENGINE

Power for the Westerbeke 12.5 KW Generator Set is provided by a modern four cylinder overhead cam gasoline engine that features high combustion efficiency, ultra low fuel consumption and vibration-free running.

Engine type 4 cylinder, 4 cycle H.P. @ 1800 RPM
Displacement
Compression ratio
Fuel
Block
HeadAluminum
Valve system Single overhead cam belt driven
Main bearings Five
Carburetor Down draft type with U.S.C.G.
approved flame arrest or
Governor
speed regulation

Weight	533 lbs.
Starting motor	2 volt negative ground
Battery charging	51 amps
Coolying system	. Fresh water through
	heat exchanger
Full load fuel consumption	Approx 1.2 G.P.H.

Call your Westerbeke representative	
or contact the	

Specifications May Change without Notice.

