

WESTERBEKE 12.5 KW MARINE GASOLINE GENERATOR

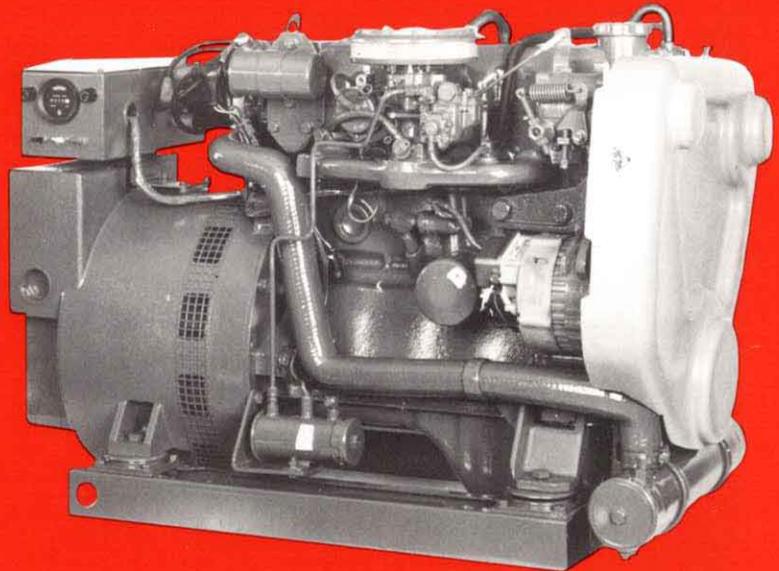
A new, quiet, smooth running marine power-plant from Westerbeke

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

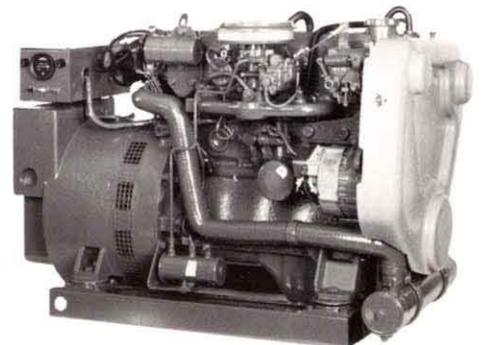
- Electric fuel lift pump
- Overspeed shutdown
- High water temperature shutdown
- Low oil pressure shutdown
- Lightweight mounting rails
- Vibration isolator mounts
- High exhaust temperature shutdown
- Belt guard
- Running time-meter
- Down draft carburetor
- Flame arrestor (USCG approved)
- Water 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

Fresh Water Cooled Diesel and Gasoline Generators from Westerbeke.

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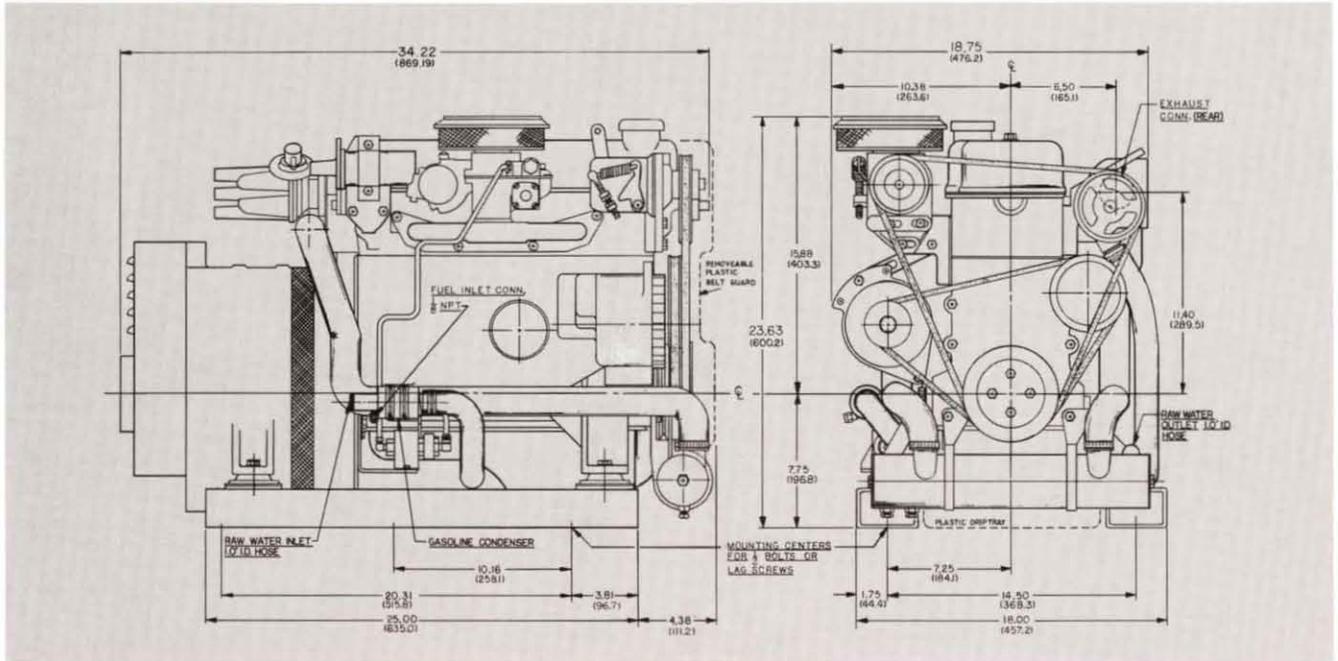
WESTERBEKE 12.5 KW

DESIGN: Brushless, four pole, revolving field, self regulating, pre-lubricated single bearing design.
VOLTAGE REGULATION: Standard $\pm 5\%$ 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	
	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 27.0
- Displacement 79.1 cu. in.
- Compression ratio 9.2:1
- Fuel Gasoline
- Block Cast iron
- Head Aluminum
- Valve system Single overhead cam belt driven
- Main bearings Five
- Carburetor Down draft type with U.S.C.G. approved flame arrest or
- Governor Hoof, flyball type, 5% speed regulation

- Weight 533 lbs.
- Starting motor 12 volt negative ground
- Battery charging 51 amps
- Cooling 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.

