

# WESTERBEKE 6.5 KW MARINE GASOLINE GENERATOR

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

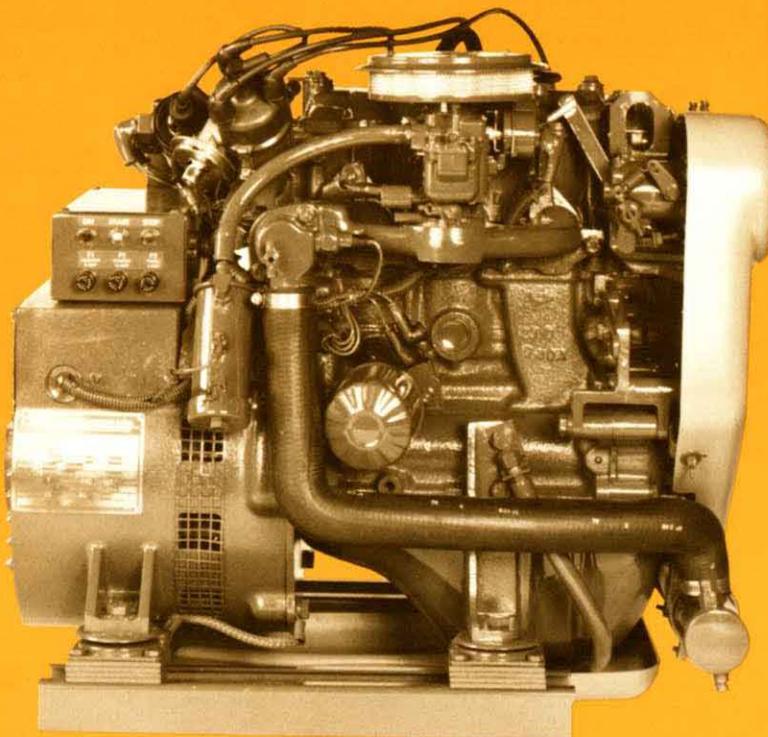
A small, reliable smooth running Generator Set for all your shipboard needs; electrical power at the turn of a switch for: Air Conditioning, Electric Cooking, Microwave Oven, Refrigeration, Cabin Appliances, Power Tools, and Navigation/Communication Equipment. Like all Westerbeke Generator Sets, it is 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 6.5 is lightweight, safe, dependable, durable, and economical to operate. Designed to operate at a quiet 1800 RPM, the Westerbeke 6.5 offers 3 cylinder, 4 cycle smoothness to provide electrical conveniences usually found only on larger boats.

### WESTERBEKE 6.5 KW GASOLINE MARINE ENGINE GENERATOR SET

- SMOOTH AND QUIET THREE CYLINDER PERFORMANCE
- ENCLOSED FRESH WATER COOLING
- AUTOMATIC SAFETY SHUT-DOWNS
- SIMPLE ENGINE AND GENERATOR CONTROLS FOR RELIABILITY



#### 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
- Hoof speed governor
- Down draft carburetor
- Flame arrestor (USCG approved)
- Water injected elbow
- Coolant recovery tank
- Lube oil drain hose
- Operator's 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 Control Panel and Remote Instrument Panels are available as optional equipment.



The 6.5 KW features very compact dimensions and simplicity of design.



**GASOLINE GENERATORS: 4.0kw • 6.5kw • 8kw • 11kw**

**Fresh Water Cooled Diesel and Gasoline Generators from Westerbeke**

# WESTERBEKE 6.5 KW MARINE GASOLINE GENERATOR

**WESTERBEKE 6.5 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.

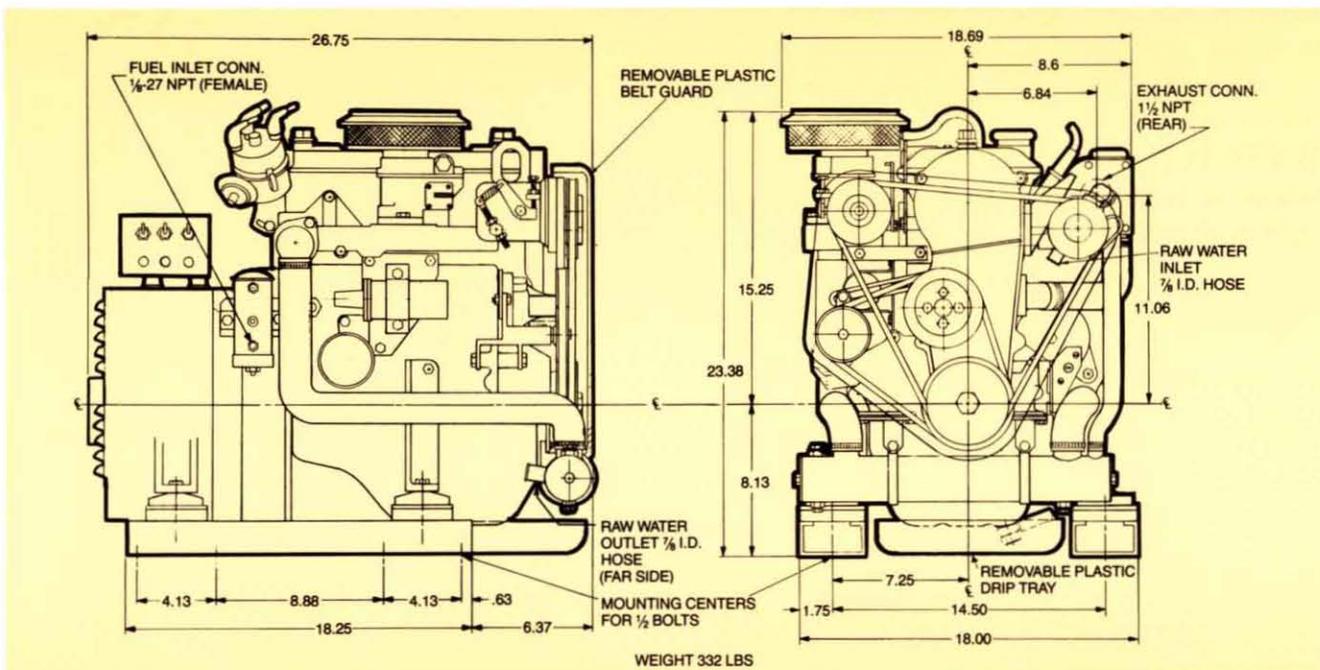
**TEMPERATURE RISE:** Within NEMA MG1-22.40 definition when operating at full load.

**COOLING:** Cast centrifugal blower, direct connected.

**RADIO INTERFERENCE LEVEL:** Capacitors minimize interference within the limits of most marine applications.

ELECTRICAL CHARACTERISTICS						RATINGS		DERATINGS		ENGINE	
Model	Volts	Amps	Hertz	Phase	Wire	Power Factor	KW			RPM	Start
6.5-614*	120/240	54/27	60	1	4	1.0	4.0	3.5% each 1000 feet above sea level.		1800	Remote
4.8-514*	220	21.8	50	1	4	1.0	4.8	1% for each 10° Fahrenheit above 85° Fahrenheit ambient. 10% for continuous duty.		1500	Remote

\*Reconnectable to 120 Volts @ twice the amperage.



## A MODERN GASOLINE ENGINE

Power for the Westerbeke 6.5 KW Generator Set is provided by a modern three cylinder overhead cam gasoline engine that features high combustion efficiency, ultra low fuel consumption and vibration-free running.

Engine type . . . . . 3 cylinder, 4 cycle  
 Displacement . . . . . 60.6 cu. in.  
 Compression ratio . . . . . 9.5  
 Fuel . . . . . Gasoline  
 Block . . . . . Cast iron  
 Head . . . . . Aluminum  
 Valve system . . . . . Single overhead cam belt driven  
 Main bearings . . . . . ' Four  
 Carburetor . . . . . Down draft type with U.S.C.G. approved flame arrestor  
 Governor . . . . . Hoof, flyball type, 5% speed regulation

Weight . . . . . 332 lbs.  
 Starting motor . . . . . 12 volt negative ground  
 Battery charging . . . . . 10 amps  
 Cooling system . . . . . Fresh water through heat exchanger  
 Full load fuel consumption . . . . . Approx. 1.1 G.P.H.

Call your Westerbeke representative

or contact the



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