## **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, Flywheel and Flywheel Housing 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 4 cylinder, 4 cycle smoothness to provide electrical conveniences usually found only on larger boats.

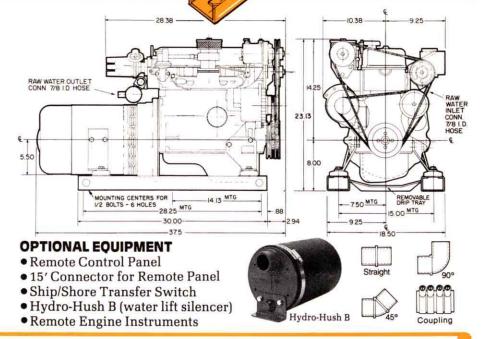
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# WESTERBEKE 6.5 KW GASOLINE MARINE ENGINE GENERATOR SET

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

### STANDARD EQUIPMENT

**Overspeed Shutdown** High Water Temperature Shutdown Low Oil Pressure Shutdown Lightweight Mounting Rails Vibration Isolator Mounts High Exhaust Temperature Shutdown Flexible Fuel Supply Line Lifting Eyes Belt Guard Fresh Water Cooled Exhaust Manifold Raw Water Pump 51 Amp Alternator (Ignition Protected) Hoof Speed Governor Down Draft Carburetor Flame Arrestor (USCG Approved) **RFI Reduction (Ignition Shielding)** Water Injected Elbow Fresh Water Coolant Recovery Tank Lube Oil Drain Hose





Fresh Water Cooled Diesel and Gasoline Generators from Westerbeke

# WESTERBEKE 6.5 KW MARINE GASOLINE GENERATOR

**DESIGN:** Four pole revolving armature, inherently regulated, self limiting, rectifier excited, A.C. slip rings, single bearing design.

**VOLTAGE REGULATION:** ± 7% no load to full load. **FREQUENCY REGULATION:** 3 Hertz (5%) no load to full load.

INSULATION: Class F as defined by NEMA MGI-1.65

**TEMPERATURE RISE:** Within NEMA MGI-22.40 definition when operating @ full load.

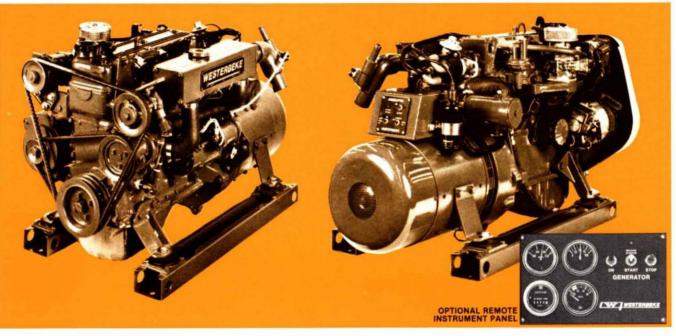
**COOLING:** Centrifugal blower, direct connected.

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

**ARMATURE:** Balanced laminted steel, double dipped and baked.

ELECTRICAL CHARACTERISTICS						RATINGS		DERATINGS	ENGINE	
Model	Volts	Amps	Hertz	Phase	Wire	Power Factor	кw		RPM	Start
6.5-614*	120/240	54/27	60	1	4	1.0	6.5	3.5% each 1000 feet above sea level.	1800	Remote
4.9-514*	120/240	40.8/20.4	50	1	4	1.0	4.9	1% for each 10° Fahrenheit above 85° Fahrenheit ambient. 10% for continuous duty.	1500	Remote

\*Reconnectable to 120 Volts @ twice the amperage.



#### ENGINE

Engine type 4 cylinder, 4 cycle
Displacement
Horsepower
Compression ratio
FuelGasoline
Block
Value system Single overhead cam, chain driven
Main bearingsFive
Carburetor Down draft type with U.S.C.G. approved flame arrestor
Governor Hoof, flyball type, 5% speed regulation
Ignition system Electronic
Distributor
Weight
Starting motor 12 volt negative ground
Battery charging alternator51 amps

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From its overhead cam and rocker assembly to its rugged five main bearing crankshaft, our gasoline model engine is as modern as tomorrow. Now owners can cruise in quiet comfort knowing their electrical supply is dependable. Like all Westerbeke engines and generator sets, it is protected from corrosion by fresh water cooling.

### CALL YOUR WESTERBEKE REPRESENTATIVE

Marine 2/84/5M Printed in U.S.A.

OR CONTACT THE...

AVON INDUSTRIAL PARK, AVON, MASS. 02322 • (617) 588-7700 CABLE: WESTCORP, AVON • TELEX: 92-4444

J. H. WESTERBEKE CORP.