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 7.0 is lightweight, safe, dependable, durable and economical to operate. Designed to operate at a quiet 1800 RPM, the Westerbeke 7.0 offers 3 cylinder, 4 cycle smoothness to provide electrical conveniences usually found only on larger boats.

Westerbeke 7.0 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
- 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
- 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 7.0 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.
**Westerbeke 7.0 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.

### Electrical Characteristics

<table>
<thead>
<tr>
<th>Model</th>
<th>Volts</th>
<th>Amps</th>
<th>Hertz</th>
<th>Phase</th>
<th>Wire</th>
<th>Power Factor</th>
<th>Kw</th>
<th>RPM</th>
<th>Start</th>
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</thead>
<tbody>
<tr>
<td>BCG 7.0-614*</td>
<td>120/240</td>
<td>58/29</td>
<td>60</td>
<td>1</td>
<td>4</td>
<td>1.0</td>
<td>7.0</td>
<td>1800</td>
<td>Remote</td>
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<tr>
<td>BCG 5.0-514*</td>
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<td>22.7</td>
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<td>1</td>
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<td>1500</td>
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<tr>
<td>BCGA 7.0-614**</td>
<td>120/240</td>
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<td>7.0</td>
<td>1800</td>
<td>Remote</td>
</tr>
</tbody>
</table>

*Adjustable for 50 or 60 Hertz.

**A Modern Gasoline Engine**

Power for the Westerbeke 7.0 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:** 51.6 cu. in.
- **Compression Ratio:** 9.5:1
- **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 arrester
- **Governor:** Hoof, flyball type, 5% speed regulation

**Weight:** 328 lbs.

- **Starting Motor:** 12 volt negative ground
- **Battery Charging:** 10 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

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**Westerbeke**

AVON INDUSTRIAL PARK, AVON, MA 02322 • TEL: (508) 588-7700

TELEX: 92-4444 • FAX: (508) 559-9323 • CABLE: WESTCORP

BPS 3M 9/89
NEW Westerbeke 7kw Gas Generator

*Takes far less space:*

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Cubic Ft.</th>
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<tbody>
<tr>
<td>Onan</td>
<td>6.5KW MCCK</td>
<td>8.9</td>
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<tr>
<td>Kohler</td>
<td>7.5KW R</td>
<td>9.3</td>
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<tr>
<td>Westerbeke</td>
<td>7.0KW BCG</td>
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</table>

*And weighs far less:*

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Weight-lbs</th>
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</thead>
<tbody>
<tr>
<td>Onan</td>
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<tr>
<td>Kohler</td>
<td>7.5KW R</td>
<td>485</td>
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<tr>
<td>Westerbeke</td>
<td>7.0KW BCG</td>
<td>328</td>
</tr>
</tbody>
</table>
In advanced designs LESS is oftentimes MORE.

Less Space
Less Weight
Less Noise

More Power
More Performance
More Reliability

WESTERBEKE
Marine Engine Products