Westerbeke Marine Diesel Generator Sets

For the Leisure and Professional Boating Industry, Westerbeke produces high quality marine generator sets from 5.5kW up to 33.0kW at 60 Hertz and 5.0kW up to 26.0kW at 50 Hertz.

Westerbeke 1800/1500-rpm diesel generators are backed by a 5-year limited warranty. The presence of Westerbeke in over 65 countries around the world provides customers with easy access to parts and technical support.

Established in 1937, Westerbeke is committed to providing its customers with quality products and exceptional after sales support.

"We have used Westerbeke generators on various projects throughout the years. Mainly for running hydraulic systems, ice machines and air conditioning systems. Westerbeke has been a successful servant onboard the Cleopatra boats for years."

Hogni Bergthorsson, Technical Manager
Trefjar LTD, Iceland. Makers of the Cleopatra range of commercial boats.
Technical Data, D-NET™

Optional Equipment
- NMEA 2000® compliant databus communication
- Remote digital display(s)
- Remote start-stop(s)
- Sound Guard SST
- Ungrounded electrical system (above 5.5/5.0kW)
- 24V electrical system (above 7.6/5.7kW)
- 24V ungrounded electrical system (above 7.6/5.7kW)
- Keel cooling
- Dry exhaust
- PTO adapter kit (up to 15.0/12.0kW)
- PTO and electric clutch (above 15.0/12.0kW)
- Fuel/water separator
- Hydro-Hush muffler and fittings
- Spare parts kits
- Anti-siphon valve with 1" stainless loop for overboard cooling discharge water
- Ship-to-shore switch
- White paint (standard color red)

Optional NMEA 2000® certification available.

Optional NMEA 2000® certification available.

Sound Guard SST
Allows full service access to all four sides and top. Features stainless steel base and frame with powder coated aluminum panels providing exceptional corrosion resistance.

Specifications subject to change without notice.  GEN GENERATOR  SST with SOUNDGUARD SST

* Contact factory for weight and dimensions at 3 phase.
Providing Reliable Power for Military, Government, Commercial and Pleasure Applications

“Prior to installing the Westerbeke generator, our old air compressor was overheating under generator power and a new air compressor would not run properly on our old generator as well. Marine Energy Systems (Westerbeke Pacific) hooked up a stock 7.6kW Westerbeke to the compressor and it ran, no problem. It had a better wave form than another well-known brand we considered and the THD (total harmonic distortion) was lower! I like how it’s a low revolution 1,800 rpm, 3-cylinder engine and very quiet. And I like how simple it is to work on and maintain. Westerbeke also has a great local sales and technical team with good representation throughout the South Pacific Region. Marine Energy Systems lined up the installation within two days of us purchasing the new generator!”

Doug Hibberd
Yacht Zangezi

**Gold Medal Performance comes in Westerbeke Red**
Standard Features

- Instrument panel and safety stop switch
- Remote start-stop plug-in connection
- Safety shut-downs: low oil pressure, high exhaust and high coolant temperature
- AC circuit breaker (single phase)
- 12V, 50 amp battery charging alternator (above 5.5/5.0kW)
- Power take-off interface
- Self-bleeding fuel system
- Fresh water cooling
- Water injected exhaust elbow
- Raw water pump
- Tuned air intake silencer
- Slow-speed, quiet operation
- Anti-vibration mounts
- Lube oil drain hose and drip tray
- Operators’ manual & parts list
- 5-year limited warranty

Optional Equipment

- Remote instrument panel(s)
- Remote start-stop panel(s)
- Sound Guard SST
- Ungrounded electrical system (above 5.5/5.0kW)
- 24V electrical system (above 7.6/5.7kW)
- 24V ungrounded electrical system (above 7.6/5.7kW)
- Keel cooling
- Dry exhaust
- PTO adapter kit
- Fuel/water separator
- Hydro-Hush muffler and fittings
- Spare parts kits
- Anti-siphon valve with 1” stainless loop for overboard cooling discharge water
- Ship-to-shore switch
- White paint (standard color red)
Sound Guard SST

Strong, silent, timesaving, & made of the finest materials, the Westerbeke Sound Guard SST is designed for rugged service and is easy to install.

Engineered for silent operation
The Sound Guard SST enhances your offshore boating experience. Keeping your generator set to a whisper, it allows you to enjoy the pleasure of boat ownership in the quiet of your favorite cove. Experience engineering excellence and a new standard of quality that is unheard of. Available for 5.0–33.0kW diesel models, the Sound Guard SST further reduces the average sound intensity of a generator set up to 50% so your can forget you have one operating.

Serviceability is a snap
To remove any side or end panel requires only a quick snap of two latches to gain full access to any one of four sides. Westerbeke Sound Guards have always been famous for ease of serviceability and now have managed to create an even higher standard. Two access doors are also provided on the service side panel.

Pre-connected for ease of installation
The top panel can be removed in seconds for access to lifting eyes. The base and frame contain bulkhead fittings for all the generator’s external connections including the raw water line, siphon break, fuel lines, exhaust line, AC wiring and battery cables. Westerbeke supplies the necessary hoses, cables and hardware to make these connections, allowing quick and easy “plug & play” installations. Only a flat-head screwdriver is required to assemble the frame - the panels require no assembly. Or you can order your new Westerbeke diesel pre-installed in the Sound Guard SST.

Materials are of the highest quality
The Sound Guard SST consists of 5 powder coated aluminum panels and stainless steel base and frame. The powder coated aluminum panels provide optimum corrosion resistance while reducing the weight of the enclosure. The frame (where attached to the base) and base are likely to be subjected to the most moisture; therefore, are of stainless steel, a highly corrosion resistant metal. Even the rivets and fasteners are of stainless steel. The top panel also covers the side panels to lessen the likelihood that moisture will enter the Sound Guard SST.

Strong, sturdy and rugged
The Sound Guard SST is designed for tough duty. While not recommended to kneel or stand on the unit, some may ignore warnings and do just that. The thick frame and sturdy panels result in a very robust enclosure.

Stylish appearance
The Sound Guard SST is designed to please the eye and resist the corrosion process that age many sound enclosures before their time. Westerbeke believes each customer should be proud of any product’s appearance well after the initial purchase.
<table>
<thead>
<tr>
<th>Models (60/50Hz)</th>
<th>SST Part #</th>
<th>Dimensions (L x W x H)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5/5.0 BCD</td>
<td>49484</td>
<td>33.3 x 21.1 x 22.3 in.</td>
<td>71 lbs. 33 kilos</td>
</tr>
<tr>
<td>7.6/5.7 BTD</td>
<td>52709</td>
<td>846 x 536 x 566 mm.</td>
<td>78 lbs. 36 kilos</td>
</tr>
<tr>
<td>5.5/5.0 EDC</td>
<td>49483</td>
<td>36.1 x 23.2 x 25.3 in.</td>
<td>83 lbs. 37 kilos</td>
</tr>
<tr>
<td>7.6/5.7 EDT</td>
<td>53462</td>
<td>917 x 589 x 643 mm.</td>
<td>90 lbs. 41 kilos</td>
</tr>
<tr>
<td>8.0/6.0 BTDA</td>
<td>49527</td>
<td>39.5 x 23.2 x 25.3 in.</td>
<td>87 lbs. 40 kilos</td>
</tr>
<tr>
<td>10.0/7.5 BTDA</td>
<td>53463</td>
<td>1003 x 589 x 643 mm.</td>
<td>94 lbs. 43 kilos</td>
</tr>
<tr>
<td>11.5/9.2 BTD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.5/9.2 EDT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.5/9.4 BTDB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.0/12.0 BTDC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.5/9.4 EDT</td>
<td>54414</td>
<td>45.0 x 26.0 x 27.0 in.</td>
<td>120 lbs. 54 kilos</td>
</tr>
<tr>
<td>15.0/12.0 EDT</td>
<td>54442</td>
<td>1143 x 660 x 686 mm.</td>
<td>120 lbs. 54 kilos</td>
</tr>
<tr>
<td>17.0/13.5 EDE*</td>
<td>54442</td>
<td>45.0 x 26.0 x 27.0 in.</td>
<td>120 lbs. 54 kilos</td>
</tr>
<tr>
<td>22.0/17.0 EDE*</td>
<td></td>
<td>1143 x 660 x 686 mm.</td>
<td></td>
</tr>
<tr>
<td>28.5/23.5 EDEA</td>
<td>53070</td>
<td>50.7 x 27.2 x 30.8 in.</td>
<td>150 lbs. 68 kilos</td>
</tr>
<tr>
<td>33.0/26.0 EDEA</td>
<td></td>
<td>1288 x 691 x 782 mm.</td>
<td></td>
</tr>
</tbody>
</table>

*Use PN 55163 for optional 3-phase units only. (PN 55163 has the same weight and dimensions as part number 53070.)

Specifications subject to change without notice.
Pleasure, power and peace of mind

Westerbeke Marine Gasoline Generator Sets with Multiport EFI and low-CO technology

Providing all the comforts of home for your small pleasure craft or houseboat, Westerbeke gasoline generators are world renowned among houseboat rental fleets and small craft owners’ alike.

3.5 SBCG Standard Equipment

- Simple, “one touch” start/stop control panel with running hour meter and warning annunciation
- Multiport EFI
- Water-cooled, returnless fuel system
- Electronic governing
- Safety warnings and shut-downs — overspeed, underspeed, low oil pressure, high exhaust and coolant temperature and more
- Fresh water cooling and coolant recovery tank
- A.C. circuit breaker
- 5 amp battery charger
- Water injected exhaust elbow
- Belt-driven raw water pump
- Vibration isolators
- Lube oil drain hose
- Belt guard
- Operators’ manual and parts list

MULTIPORT EFI AND RETURNLESS FUEL SYSTEM

These models feature sequential multiport electronic fuel injection (MPI). MPI provide optimum fuel efficiency, easy starting, improved reliability and reduced emissions. In conjunction with MPI, electronic speed control maintains the engine at a constant speed (precise frequency regulation) and virtually eliminates “bogging down” when load is applied. A water cooled returnless fuel system aids in the prevention of vapor lock for improved performance in high ambient temperatures.

5.0-6.5 MCG, 60Hz (4.2-5.2 MCG, 50Hz)

Standard Features

- Simple, “one touch” start/stop control panel with running hour meter and warning annunciation
- Multiport EFI
- Water-cooled, returnless fuel system
- Electronic governing
- Safety warnings and shut-downs — overspeed, underspeed, low oil pressure, high exhaust and coolant temperature and more
- Fresh water cooling and coolant recovery tank
- Field convertible to 50 or 60Hz
- A.C. circuit breaker
- 12 amp battery charger
- Water injected exhaust elbow
- Belt-driven raw water pump
- Vibration isolators
- Lube oil drain hose
- Belt guard
- Operators’ manual and parts list
**“Houseboat Series” low-CO**

Westerbeke “Houseboat Series”, 4-cylinder, gasoline generators are the first low-CO generators offered in the marine market. NMMA innovation award winning product, they boast a reputation for reliability, innovation and piece of mind that extends from North America to Australia among houseboat rental fleets. Running at a slow, quiet 1800/1500 rpm, these generators are virtually forgotten in your houseboat so you can feel at home on the water.

### Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Output kW</th>
<th>Cylinders</th>
<th>Speed RPM</th>
<th>Voltage V</th>
<th>Frequency Hz</th>
<th>Power Factor</th>
<th>Standard phase</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>3.5 SBCG*</td>
<td>3.5</td>
<td>2</td>
<td>2200</td>
<td>120</td>
<td>60</td>
<td>1</td>
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<td>Length</td>
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<td></td>
<td>5.0</td>
<td>3</td>
<td>1800</td>
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<td>Height</td>
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<td>6.5</td>
<td>4</td>
<td>1500</td>
<td>230/240</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Length</td>
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<td>5.2</td>
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<td>1</td>
<td>Width</td>
</tr>
<tr>
<td></td>
<td>8.0</td>
<td>4</td>
<td>1500</td>
<td>230/240</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Height</td>
</tr>
<tr>
<td>8.0 SBEG</td>
<td>8.0</td>
<td>4</td>
<td>1800</td>
<td>230</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Length</td>
</tr>
<tr>
<td>8.0 SBEG</td>
<td>10.0</td>
<td>4</td>
<td>1500</td>
<td>230/240</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Width</td>
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<td>10.0 SBEG</td>
<td>10.0</td>
<td>4</td>
<td>1800</td>
<td>230</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Height</td>
</tr>
<tr>
<td>12.5 SBEG</td>
<td>12.5</td>
<td>4</td>
<td>1500</td>
<td>230/240</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Length</td>
</tr>
<tr>
<td>14.0 SBEG</td>
<td>14.0</td>
<td>4</td>
<td>1800</td>
<td>230</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Width</td>
</tr>
<tr>
<td>11.6 SBEG</td>
<td>11.6</td>
<td>4</td>
<td>1500</td>
<td>230/240</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Height</td>
</tr>
<tr>
<td>20.0 SBEGA</td>
<td>20.0</td>
<td>5</td>
<td>1800</td>
<td>230</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Length</td>
</tr>
<tr>
<td>16.0 SBEGA</td>
<td>16.0</td>
<td>5</td>
<td>1500</td>
<td>230/240</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Width</td>
</tr>
<tr>
<td>22.5 SBEGA</td>
<td>22.5</td>
<td>5</td>
<td>1800</td>
<td>230</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Height</td>
</tr>
<tr>
<td>18.0 SBEGA</td>
<td>18.0</td>
<td>5</td>
<td>1500</td>
<td>230/240</td>
<td>50</td>
<td>1</td>
<td>1</td>
<td>Length</td>
</tr>
</tbody>
</table>

*S.5 SBCG not field convertible.

Specifications subject to change without notice.

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**“Houseboat Series” low-CO Standard Features**

- Simple, “one touch” start/stop control panel with running hour meter and warning annunciation
- EFI
- Water-cooled, returnless fuel system
- Electronic governing
- Safety shut-downs — overspeed, low oil pressure, high exhaust and coolant temperature
- Fresh water cooling and coolant recovery tank
- Field convertible to 50 or 60Hz
- A.C. circuit breaker
- 50 amp battery charging alternator
- Water injected exhaust elbow
- Belt-driven raw water pump
- Vibration isolators
- Lube oil drain hose
- Belt guard
- Operators’ manual and parts list
Cool. Warm. Dry. All at your fingertips

Enjoy the luxury of a cool comfortable cabin in your boat even on the hottest summer day. Instant air conditioning at your fingertips.

Quick, quiet cooling in hot weather, warmth in cold weather

An added feature, the Rotary Aire Marine Climate Control System by Westerbeke also allows you to warm the cabin with a push of a button. Perfect for warming a cabin on cool nights, or for those extreme spring/autumn temperature changes.

The Rotary Aire Marine Climate control System also acts as a very efficient dehumidifier. It can be set to automatically remove excess humidity from the cabin even when the boat is left closed up for long periods of time, eliminating the oppressive stickiness and damp mustiness common on boats.
All-weather comfort at your fingertips

For over 75 years, Westerbeke Corporation has been manufacturing world-class marine products. Westerbeke marine generators and engines are standard equipment on boats built by many of the world’s leading boat builders. Thousands of “Westerbekes” have been in faithful service over the past century. A Rotary Aire Marine Climate Control System is the technical result of that marine experience. A state-of-the-art system that is remarkably quiet and efficient, the Rotary Aire is designed to provide the boat owner with the ultimate in personal comfort.

Technical Data

<table>
<thead>
<tr>
<th>Model 10,000</th>
<th>Model 17,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling capacity (BTU)</td>
<td>10,000</td>
</tr>
<tr>
<td>Starting Amps – 220 Volt 50Hz.</td>
<td>14</td>
</tr>
<tr>
<td>Running Amps</td>
<td>4.5 (Cooling mode)</td>
</tr>
<tr>
<td></td>
<td>6.0 (Heating mode)</td>
</tr>
<tr>
<td>Starting Amps – 120 Volt 60Hz.</td>
<td>21</td>
</tr>
<tr>
<td>Running Amps</td>
<td>8.0 (Cooling mode)</td>
</tr>
<tr>
<td></td>
<td>10.0 (Heating mode)</td>
</tr>
<tr>
<td>Net weight</td>
<td>55 lbs (25kg)</td>
</tr>
<tr>
<td>Refrigerant (407C)</td>
<td>9 oz (0.38)</td>
</tr>
<tr>
<td>Evaporator Coil</td>
<td>Full Flow “V” Design</td>
</tr>
<tr>
<td>Housing Construction</td>
<td>ABS Plastic</td>
</tr>
<tr>
<td>Compressor</td>
<td>Rotary, only 3 moving parts</td>
</tr>
<tr>
<td>Condensing Coil</td>
<td>Copper nickel</td>
</tr>
<tr>
<td>Sea water flow (LPH)</td>
<td>1136 minimum</td>
</tr>
<tr>
<td></td>
<td>300 minimum</td>
</tr>
<tr>
<td>Limited Warranty</td>
<td>Two years</td>
</tr>
<tr>
<td>Dimensions L x W x H (inches)</td>
<td>20.50 x 13.75 x 13.25</td>
</tr>
<tr>
<td></td>
<td>521 x 350 x 337</td>
</tr>
<tr>
<td>Remote control box L x W x H (inches)</td>
<td>6.5 x 6.75 x 2.5</td>
</tr>
<tr>
<td></td>
<td>165 x 172 x 64</td>
</tr>
</tbody>
</table>

Specifications subject to change without notice.
Dedication to Service

Westerbeke has managed to incorporate over 65 master distributors and their dealers worldwide to assist in the service of our quality products. Our distributors and dealers are dedicated to the consistent evolution of our product line as well as making sure that every customer is taken care of in the most efficient way possible. Whether it’s parts, warranty, or technical service, you will always find a Westerbeke distributor or dealer close by who can help.

State-of-the-Art Marine Propulsion

With over 75 years of marine diesel engine experience and a support network that spans from North America to Australia and beyond, it’s easy to see why Westerbeke is still one of the prevailing leaders in marine diesel engines. Exclusively designed for marine applications and backed by a 5-year limited warranty, Westerbeke and Universal naturally aspirated engines represent true power in a compact, quiet and reliable package with many low-rpm ratings to choose from. Over the decades, Westerbeke engines have been installed by some of the most prestigious sailboat, catamaran, powercat and other displacement boat builders. Thousands of engines have been installed in boats for pleasure, commercial and government use to include the United States Navy.

The Legend Continues

Product Line

You can choose from six Westerbeke diesel models and two Universal diesel models ranging from 12 to 66 HP.
Standard Equipment

- Fresh water cooling
- Engine pre-wired to plug-in connection
- Self-bleeding fuel system on most Westerbeke models
- Domestic hot water connection
- 12V, 50 amp battery charging alternator (72 amp, 65B Four)
- Coolant recovery tank
- Throttle, shift and control brackets
- Low oil pressure & high water temperature alarms
- Transmission
- Glow plug cold starting aid
- Engine matched, four point, fail-safe adjustable mounts
- Circuit breaker protected electrical system
- Lube oil drain hose
- Operators’ manual & parts list

Model 12D Two 30C Three 35E Three 44C Four 55D Four 65B Four
Power Output 12HP-9.0kW 25HP-18.7kW 28HP-20.9kW 38HP-28.3kW 48HP-35.9kW 66HP-49.2kW
Speed, RPM 3000 3600 3000 3000 2600 2600
Cylinders 2 3 3 4 4 4
Aspiration N N N N N N
Displacement, l 0.63 0.95 1.32 1.76 2.18 3.62
cu in 39 58 80 107 133 221

Optional Equipment

- Captain panel with alarms (tachometer with lights) and 15’ (4.6m) extension harness
- Admiral panel with alarms (tachometer with gauges) and 15’ (4.6m) extension harness
- Additional connectible 15 foot (4.6 meter) extension harness
- Dual station senders
- Other gear ratios-consult local distributor
- Hydraulic transmissions- consult local distributor
- Remote expansion tank
- Higher output alternator in place of standard on most models
- Muffler and fittings
- Water injected exhaust elbows -45° deg., 90° deg.
- Anti-siphon valve for overboard cooling discharge water
- Propeller shaft couplings (rigid/flexible) available standard sizes
- “A” on board spare parts kit
- “B” extended cruising spare parts kit

Technical Data

Admiral Panel

Captain Panel

Atomic 4 replacement models.
Specifications subject to change without notice.
Parts Kits

Quality
Westerbeke Spare Parts and Hose Kits are packed with genuine replacement parts for your engine or generator.

Value
More for your money. Less than buying parts separately.

Assurance
Backed by our 1 year limited parts and accessories warranty.

Diesel Engines and Generators

Kit A
- Kit A Zinc (2)
- Heat Exchanger gasket
- Fuel Elements (2)
- Oil Filter
- Belt
- Fuel Hardware Kit
- Impeller and Gasket Kit

Kit B
- Zinc (2)
- Heat Exchanger Gasket
- Fuel Elements (2)
- Oil Filter
- Belt
- Fuel Hardware Kit
- Impeller and Gasket Kit
- Glow Plug
- Thermostat
- Injector
- Sea Water Pump Kit
- Complete Gasket Set

Gasoline Generators

Kit A
- Zinc (2)
- Heat Exchanger Gasket
- Oil Filter
- Belt(s)
- Impeller and Gasket Kit
- Rotor
- Spark Plugs
- *Condenser
- *Contact Set (Points)

Kit B
- Zinc (2)
- Heat Exchanger Gasket
- Oil Filter
- Belt(s)
- Impeller and Gasket Kit
- Oil Pressure Switch
- Rotor
- Spark Plugs
- Complete Gasket Set
- Thermostat
- Sea Water Pump Kit
- PCV Valve
- *Bridge Rectifier
- *Condenser
- *Contact Set (Points)

Hose Kits

Cooling Hose Kit
- Thermostat to Manifold
- Sea Water Pump to Exchanger
- Exchanger to Fresh Water Pump
- Manifold to Exchanger
- Hose Clamps
- Hoses may vary depending on model

* indicates a component that is not included in all models. For ordering instructions, please refer to the Westerbeke website.
You have many choices when it comes to deciding which brand of engine, generator or air conditioner to buy, and today’s technology empowers manufacturers to provide good solid products.

- What separates Westerbeke from other brands?
- NMMA innovation award winner two consecutive years.
- Westerbeke has been dedicated to the marine industry since 1937.
- Westerbeke offers a comprehensive line of marine diesel and gasoline generators, diesel engines and air climate control systems—we have what you need.
- Westerbeke electronic diesel generators are available with NMMA 2000® compliant databus communication.
- Westerbeke is committed to and driven by customer satisfaction—our #1 priority.
- Westerbeke is engineered for reliability—we know the marine environment and design products to provide the quality our customers expect.
- Westerbeke has an exceptional worldwide service network—we support what we sell.
- Westerbeke stands behind its products with outstanding warranty coverage—peace of mind.
Why change your footprint?
D-NET™ electronic diesel generators are also available from the factory fully networked to NMEA 2000®.