NORTHERN LIGHTS

**Service Side**
- DC wire harness plug-in
- Coolant reservoir bottle keeps engine room clean
- Cast intake manifold with washable air filter & silencer to reduce noise
- Top and side oil fills
- Block type inline fuel injection pump
- Welded steel base & drip pan
- Oil change for quick changes
- Brass oil & fuel filters
- Fuel manifold
- Gear driven, rubber impeller, seawater pump of brass and stainless steel. Mechanical seals. No belt.
- Molded belling for safety
- Stainless steel fasteners used extensively for long life
- Tough, white polyurethane paint
- 12 volt DC starter and battery charging alternator
- Platform vibration mounts for smooth operation

**New-Service Side**
- Freshwater cooled with one piece, cast iron expansion tank and exhaust manifold with removable copper-nickel heat exchanger core
- Removable heat exchanger end covers for easy core cleaning
- Cast iron wet exhaust elbow with temperature switch
- Vibration isolated junction box has AG terminal strip, DC rectifiers, DC breaker, and solid state AG automatic voltage regulator

**M843JW**

**Need a powerful, feature packed, marine generator set in a compact size?**

Then the M843JW is made just for you. This reliable set offers you the world-class quality and unmatched performance of a Northern Lights in a simple, dependable package.

At 1800 rpm (60 Hz) or 1500 rpm (50 Hz), the 843’s naturally aspirated, 81 cubic inch, Lugger diesel engine provides the torque necessary to start the larger motor loads on today’s vessels.

Simple and strong. The M843JW has a combined cast-iron exhaust manifold, expansion tank, and heat exchanger housing that eliminates unnecessary gaskets, hoses, and clamps. The seawater pump is gear driven eliminating a drive belt. The Northern Lights’ DC electrical system is simple too. It uses reliable, interchangeable and economical relays instead of expensive printed circuit boards.

Maintenance is quick and easy. The single-side servicing feature places all regular maintenance points right at your fingertips. Look how the freshwater pump is placed for easy impeller changes. The self-ventilating fuel system and mechanical fuel lift pump make messy bleeding procedures a thing of the past.

The M843JW is large enough to have the full benefit of the extensive Northern Lights optional equipment list. Choices include Northern Lights’ super attenuated sound enclosures, additional instrument panels, 24 volt electrical system, even an aluminum base frame for the performance boat enthusiast. Let your dealer work with you to order the perfect M843JW for your boat.

**Featuring new W-Series generator**

The new W-Series generator end is a major step in our constant quest to give you the best generator set on the market. It features an auxiliary stator winding that supplies separate and sterile power to the Automatic Voltage Regulator (AVR). The results are impressive:
- Classification society compliance.
- Real 300% short circuit capability.
- Improved AG circuit breaker performance.

See your dealer for more information.