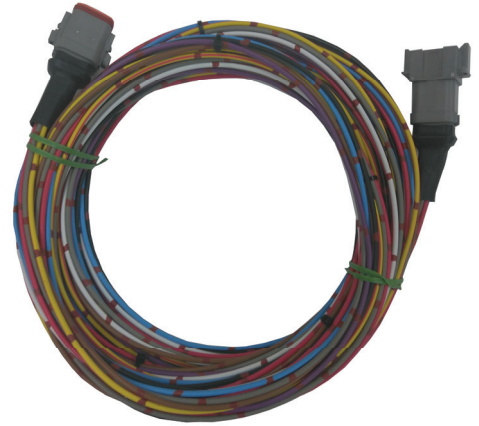




ACCESSORIES FOR MARINE GENERATORS

5-38 kW 60 Hz @ 1800 RPM (4.5-32 kW 50 Hz @ 1500 RPM)



Northern Lights offers the most comprehensive line of accessories in the industry.

From high output battery charging alternators to exhaust gas/water separators, Northern Lights' list of options and decades of experience with custom configurations is unmatched.

Add a sound attenuating enclosure for the ultimate in quiet power or a PTO to run your bow thruster. 12 or 24-volt, single or three phase, wet or dry exhaust, heat exchanged or keel cooled, Northern Lights offers it. A panel in the galley, stateroom and wheelhouse? No problem!

Let Northern Lights build a generator to your specification at the factory. You'll save time and money by avoiding expensive modifications in the field. Northern Lights build generators with options to comply with a variety of classification societies such as Lloyd's, ABS, DNV and RINA.

This accessory brochure lists many of our more popular options. To learn more about these options and others not listed, simply contact your Northern Lights' dealer or call the factory. With Northern Lights, you get the features you want.

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SOUND ENCLOSURES

The highest performing enclosures in the industry, Northern Lights sound shields share a base frame with the generator set, creating a compact power and sound attenuation package that reduces noise with saving valuable engine room space.

ELECTRIC FUEL PUMP

Adds design flexibility by allowing the fuel tank and generator to be installed further apart. Also allows easier fuel system bleeding.

PTO's

Available on models 12 kW and up, the front power take-off gives you up to 48 Hp, dependent on model size and RPM. Run accessories like hydraulic thrusters, windlasses or sail equipment at the flip of the switch with this powerful option.

SAFETY SWITCHES

Protect your generator set with an array of safety switches. Choose options like overspeed, low coolant level or low oil level to monitor and diagnose your generator set's vital functions.

WATER LIFT MUFFLER

Cools hot exhaust gases and silences exhaust noise. Our standard model is listed, but a variety of other styles and configurations are available. Contact your Northern Lights dealer for the solution that is right for your vessel.

HIGH OUTPUT ALTERNATOR

Increase your battery charging capabilities with a high output alternator. An adjustable voltage regulator for use with either lead acid or gel cell batteries is optional. Available on M773LW3 and larger models.

DRY EXHAUST FLEX

Connects the exhaust system to the engine and reduces vibration transmission through the dry exhaust. Also allows for remote mounting of the muffler and compensates for the thermal expansion of the exhaust system.

SPARE PARTS KIT

Belts, gaskets, o-rings, pumps and much more - be prepared and organized for routine maintenance and troubleshooting in tough marine environments. Our Standard Kit contains and organizes basic repair parts, while the World Class Kit outfits you for longer voyages.

SIPHON BREAK

Prevents raw water from siphoning back into the engine. Standard on 5 & 6 kW, optional on 8 kW models. Intended for use with wet exhaust systems only.

COMPOUND MOUNTING

Make our low-vibration base frames even better by adding compound mounts. Effectively neutralizing noise from base frame vibration, compound mounts are corrosion protected for longevity in the marine environment while adding minimal height.

PRIMARY FUEL FILTERS/WATER SEPARATORS

Extend your generator's life by removing contaminants in the fuel. These fuel filters are designed to protect the engine from damaging particles and water, thereby enhancing performance and increasing reliability.

GAS/WATER SEPARATOR

Reduce the exhaust noise associated with splashing, with a Gas/Water Separator. Exhaust gas is separated from the water and diverted off the transom, while the water is allowed to exit under the hull.

TOUGH SERIES CONTROLLER

"TSC" - The controller tough enough for the marine environment, TSC provides one touch run/stop function for your Northern Lights generator set. TSC includes a variety of operational displays and customizable alerts.

The easy to read push buttons and back lit screen make generator monitoring a snap. Remote mounting and control panels are available.



NORTHERN LIGHTS CONTROL PANELS

Choose the amount of control you need, and the flexibility you want. Northern Lights offers a varied line of panels for machines up to 30 kW, each available in 12 or 24 volt. These handsome panels allow you to monitor and control your generator from one of several location on board. Custom panels are also available.

S-1 Panel - Includes run light, start/stop and shutdown bypass, preheat switch. (L: 3.38" x H: 2.88")

S-1B Panel - Includes run light, engine hourmeter, start/stop and shutdown bypass/preheat switch. (L: 5.5" x H: 2.88")

S-3B Panel - Includes DC voltmeter, water temperature gauge, oil pressure gauge, engine hourmeter, start/stop and shutdown bypass/preheat switch. Includes NMEA compliant enclosure. (L: 10" x H: 8" x D: 4")

S-3C Panel - Includes DC voltmeter, water temperature gauge, oil pressure gauge, engine hourmeter, start/stop and shutdown bypass/preheat switch. Available with enclosure. (L: 7" x H: 5.25")

S-4 Panel - Includes engine temperature gauge, DC voltmeter AC voltmeter, AC frequency meter, AC ammeter with harness, oil pressure gauge, start/stop and shutdown bypass/preheat switch. Available as flush mount or with enclosure. (L: 14" x H: 17" x D: 6.25")

CIRCUIT BREAKER

The Northern Lights Circuit Breaker Panel protects wiring, electronics and other onboard equipment.

WIRING HARNESSES

Northern Lights extensions harnesses are sturdy enough for onboard use, yet flexible enough to give today's boaters the convenience they need. With lengths between 10 and 100 feet, you can mount your panels throughout the vessel. Northern Lights Y harnesses allow even further flexibility by allowing the installation of multiple control panels form one plug-in.