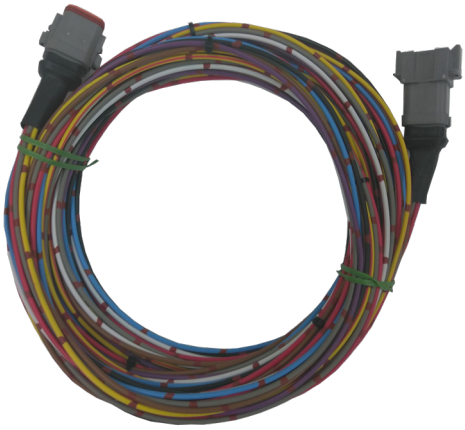
ACCESSORIES FOR MARINE GENERATORS

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 seperators, Northern Lights' list of options and decades of experience with custom configurations is unmatched.

Add a sound attenuating enclsoure 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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ACCESSORIES FOR MARINE GENERATORS

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

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 witha 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 contaminates 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.

NORTHERN LIGHTS®

PART NUMBERS

MODEL NUMBER	M673LD3 M673L3	M773LW3	M843NW3	M844DW3 M844LW3	M864W3	M944T	M944W3F M944T3F
60Hz/50Hz	5/4.5 kW 6/5 kW	9/7 kW	12/10 kW	16/14 kW 20/16 kW	25/20 kW	38/32 kW	30 kW/NA 40 kW or 38 kW/NA
SOUND ENCLOSURES							
	06-78000	06-78600	06-73100	06-78100	06-78700	05-71250	05-01260
POWER TAKE OFFS							
12 volt	n/a	n/a	34-63110	34-68420	34-68701	34-612621	34-61212
24 volt	n/a	n/a	34-63445	34-68425	34-68706	34-61263	34-61216
EXHAUST SYSTEMS							
Water Lift Type Muffler	00-38300	00-32000	00-32000	00-32000	00-35400	00-35400	00-32002
Gas/Water Separator	00-32006	00-32007	00-32007	00-32007	00-35406	00-35406	00-31001
Dry Exh. - Critical Residential	27-31232	27-31206	27-31206	27-31213	27-31207	27-31209	
Dry Exhaust Flex	27-38302	27-31904	27-31904	27-31904	27-31119	27-31004	27-31004
Siphon Break	standard	27-18301	27-18301	27-18301	27-18301	27-18301	27-18301
FUEL SYSTEMS							
Standard Fuel Filter	24-50013	22-50015	24-50014	24-50014	24-50014	24-50014	24-50014
Primary Fuel Filter/Separator	24-50014	22-50010	24-50013	24-50013	24-50013	24-50013	24-50013
Electric Fuel Pump 12V	26-71003	26-71003	26-71003	26-71003	26-71003	26-71003	26-71003
Electric Fuel Pump 24V	n/a	26-71004	26-71004	26-71004	26-71004	26-71004	26-71004
DC ELECTRICAL SYSTEMS							
12 volt isolated ground	22-78300	22-78601	22-73100	22-78100	22-78701	22-71241	22-71201
24 volt isolated ground	n/a	22-78611	22-40715	22-78410	22-78711	22-71251	22-71206
24 volt standard ground	n/a	22-78606	22-40700	22-78400	22-78706	22-71246	22-71211
SAFETY SWITCHES							
Overspeed Switch	22-72010	22-72010	22-72010	22-72010	22-78745	22-71214	22-71214
Low water level	n/a	37-12000	37-12005	37-12005	37-10005	37-11205	37-11205
Low oil level	n/a	22-73150	22-72094	37-78405	37-78700	37-71215	37-71215
12 Volt Alternators (40A iso ground)							
High output w/ adj. regulator	n/a	n/a	22-72080	22-78100	22-78701		
SPARE PARTS KITS							
Standard- HE	38-08015	38-08605	38-03120	38-08420	38-08700	38-01204	38-01200
World Class- HE	38-08016	38-08612	38-03126	38-08426	38-08701	38-01205	38-01201
Standard- KC	38-08019	38-08606	38-03130	38-08430	38-08702	38-01206	38-01202
World Class- HE	38-08020	38-08613	38-03136	38-08436	38-08703	38-01207	38-01203
OIL FILTER							
NL Oil Filter	24-08001	24-50014	25-50014	24-78400	24-52020	24-01201	24-01201
COMPOUND MOUNTS							
Plateform Mounting Kit	33-88002	33-82010	33-82010	33-82010	33-82010	33-81210	33-81210

PANELS, HARNESSES AND CIRCUT BREAKERS

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.

Panels (B+ Deutsch Connector)

S-1 12v/24v	22-95600
S-1B 12v/24v	22-95605
S-3B 12v/24v	22-95601
S-3C 12v	22-95611
S-3C 14v	*M944T:* 22-95612 *M944W3F/M944T3F:* 22-95612

Tough Series Controllers

S-TSC (1 ph. Single Volt. Off Unit)

M673L3/M673LD3	22-98021
M773LW3	22-93101
M843NW3	22-93102
M844DW3/M844LW3	22-98412
M864W3	22-95610
M944T	22-95610
M944W3F/M944T3F	22-95610

Circuit Breaker

35A 240VAC	*M673L3/M673LD3:* n/a *M773LW3:* 22-70235
40A 240VAC	*M673L3/M673LD3:* n/a *M773LW3:* 22-70240
50A 240VAC	*M843NW3:* 22-70250
60A 240VAC	*M843NW3:* 22-70260
80A 240VAC	*M844DW3/M844LW3:* 22-70280
100A 240VAC	*M843NW3/M844DW3/ M844LW3/M864W3:* 22-70300
125A 240VAC	*M864W3:* 22-62125 *M944W3F/M944T3F:* 22-65425
150A 240VAC	*M944T/M944W3F/M944T3F:* 22-70350
175A 240VAC	*M944T:* 22-70375

Harnesses (B+ Deutsch Connector)

10 ft.	22-45610
20 ft.	22-45620
30 ft.	22-45630
40 ft.	22-45640
50 ft.	22-45650
70 ft.	22-45670
100 ft.	22-45600
Y harness	22-45601

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