

In 2000, ADE introduced the new MP series of mid-sized generator sets powered by new low emission Lugger marine diesels. The sets incorporate many new features without compromising the Northern Lights reputation for cast-iron reliability and long life.

37 Year Heritage

Thirty seven years of generator building experience shaped the new MP series.

Selection Without Compromise

With six MP models from 40 to 99 kW, there is a Northern Lights for every yacht. Choose 1200 or 1800 rpm for 60 Hz applications. 1500 rpm for vessels that need 50 Hz power.

Q is for Quiet

The 1200 rpm MP668QT, 50 kW set runs 33% slower than conventional 1800 rpm sets to reduce noise and extend engine life.

Multiple Set Power Teams

Northern Lights' broad range (4.5-520 kW) lets you combine multiple sets in an engine room for an efficient marine power system. All your power needs are supplied by one source; our international dealer network.

Silky Smooth Operation

MP sets have vibration reduction features and isolation mounts that keep vibration from transferring to the hull. For maximum isolation, specify optional hydroelastic mounts.

Whisper Quiet

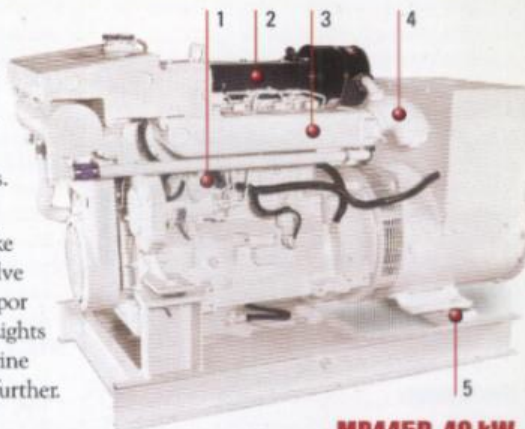
A special air filter reduces air intake noise. A cast valve cover absorbs valve clatter and recycles crankcase oil vapor for a clean engine room. Northern Lights sound shields of powder coated marine aluminum lower sound levels even further.

Tough Lugger Diesels

Built for continuous duty, Lugger powered sets have logged over 30,000 hours without a rebuild. New cupro-nickel heat exchanger, gear driven pump, replaceable cylinder liners and liquid cooled turbos will help MP sets continue this tradition.

Custom Power System

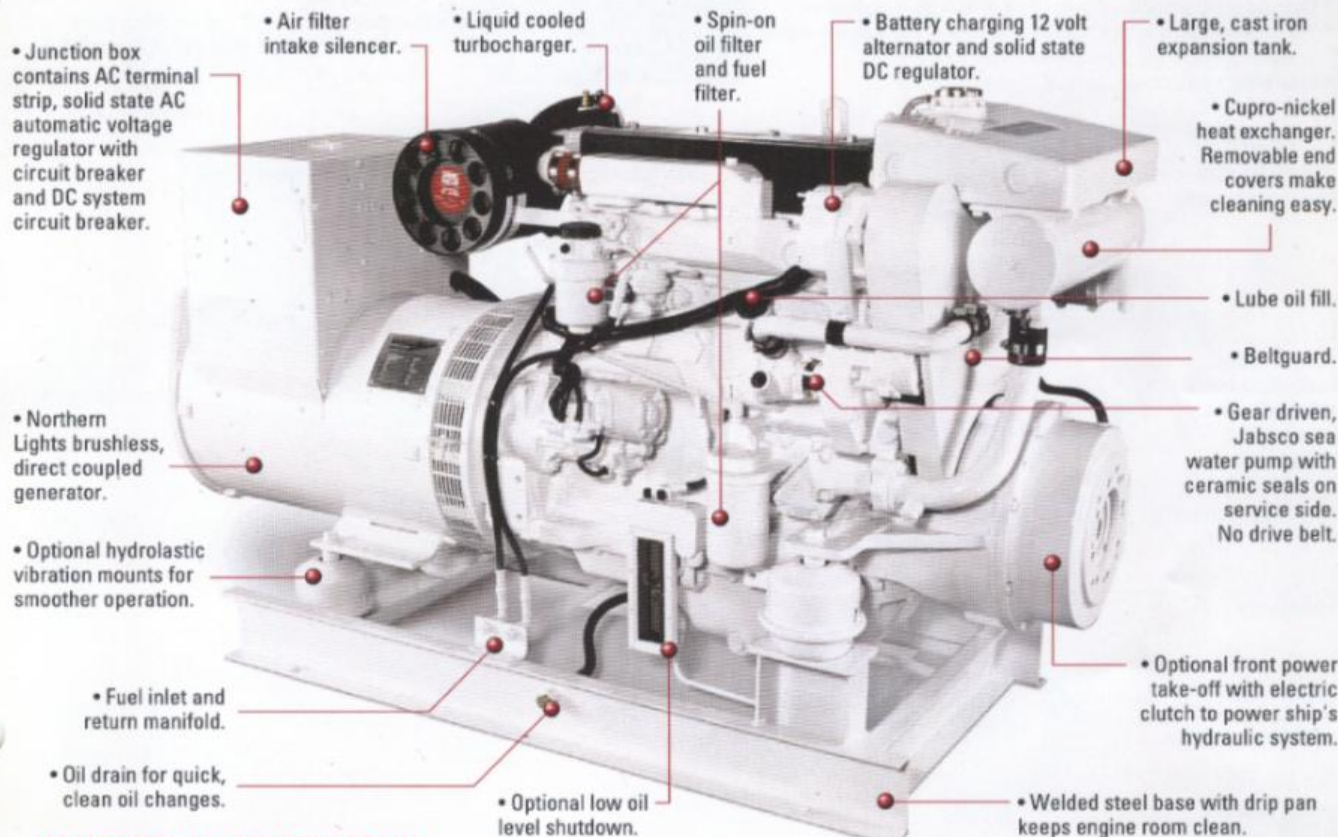
Work with a Northern Lights application engineer to design a custom unit that is more than a generator set. With a PTO it is a power system for all your hydraulic and electrical needs.



MP445D, 40 kW

Naturally aspirated four cylinder Lugger has no maintenance points on left side so set can be placed near a bulkhead.

1. Rotary distributor fuel injection pump.
2. Rocker arm cover traps crankcase vent oil vapors for a clean engine room.
3. Cast iron exhaust manifold with two pass coolant flow for even heat dissipation.
4. Optional cast iron wet exhaust elbow swivels for ease of installation.
5. Standard vibration isolation mounts.



MP445T, 55 kW & MP445H, 65 kW
MP445H shown with optional equipment.

