

Lombardini Marine generator set is the result of many years of study, made after a careful market-research with boat builders and final users. Our aim was to meet the needs of everyone, by making what was required by the market.

We have therefore produced a generator which answers the fundamental requirements of noiselessness, compactness, lightness, vibration free operation and is capable of working in high temperature environments and at large angles of inclination.

A very good wave shape, as well as easy accessibility for maintenance checks, has also been achieved.



TECHNICAL FEATURES

A characteristic of Lombardini Marine LMG generator set is its FULL WATER cooling system which includes both the engine and the alternator. The sea water cools the oil as well as the external walls of the alternator's stator.

ENGINE

The Lombardini CHD is a 4 stroke diesel engine. The special crankshaft balancing gives exceptional low vibrations and ensures an excellent operational performance during use.

ALTERNATOR

The alternator is a synchronous type without brushes with the windings on the stator. The wave shape allows the safe utilization of the most sophisticated electronic equipment and a good input to the battery charger.

MAINTENANCE

In order to simplify its maintenance, the generator has been designed with all the controls and engine parts which require routine maintenance on only one side. It is sufficient to remove only one side of the housing to carry out all maintenance operations.

NOISELESS ENERGY

The shield, built in fiberglass with neoprene coating, is completely soundproof.

EASY INSTALLATION

The gen-set is supplied with pre-mounted external rubber mounts and it is only necessary to fix them to the boat structure with special screws. For the electrical cable, sea water pipes and exhaust, you will find special openings in the housing.

By using suggested diameters you can avoid noise leaks.

REMOTE CONTROL BOX

The generator set is supplied with a remote control box and 10 m of plug-in cable complete with hours meter. An automatic shutdown operates in case of oil pressure and water temperature failure, warning lights indicate high water temperature, low oil pressure, battery charge failure. A power light bar indicates gen-set load with an overcharge alarm.

AUTOMATIC SECURITY STOP

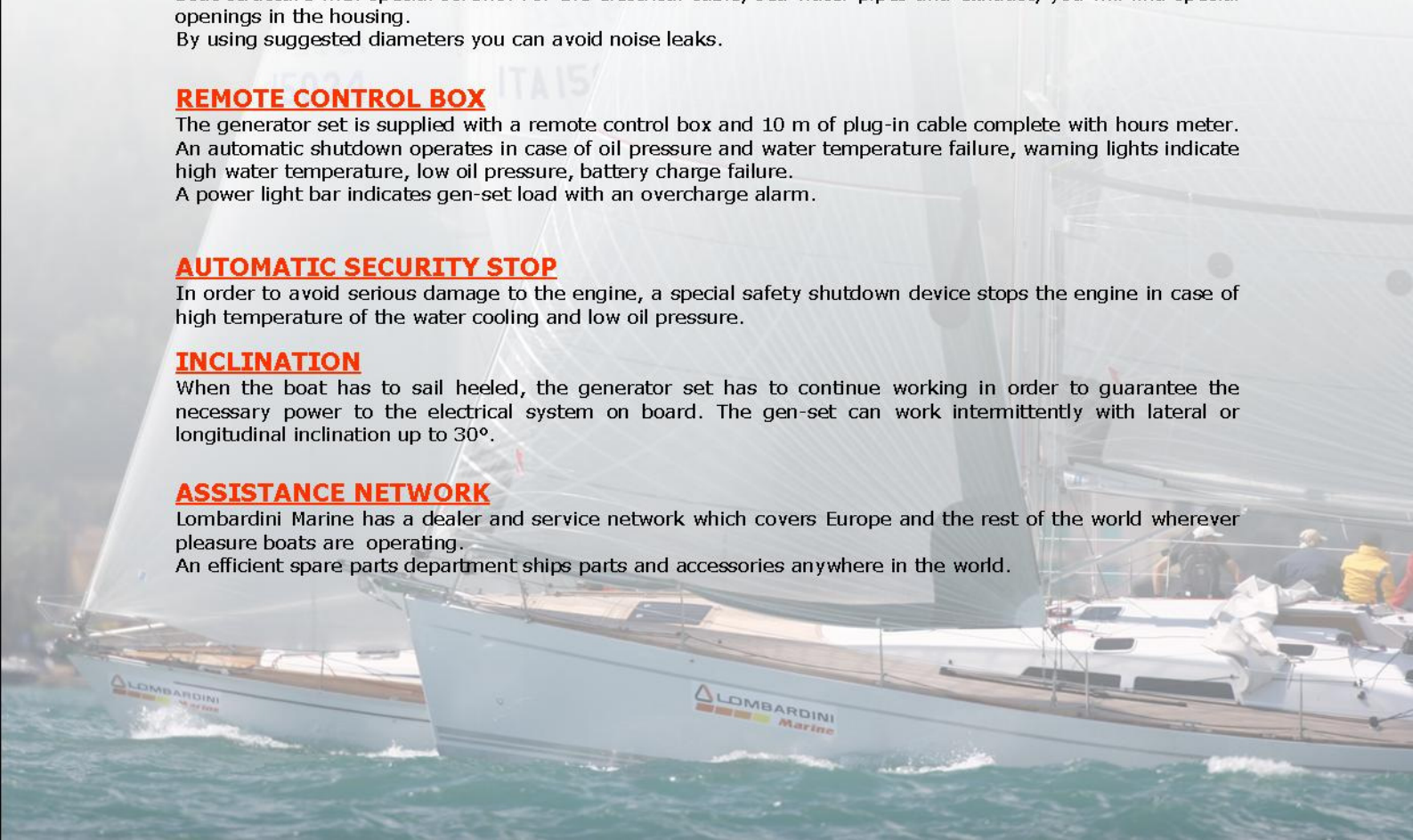
In order to avoid serious damage to the engine, a special safety shutdown device stops the engine in case of high temperature of the water cooling and low oil pressure.

INCLINATION

When the boat has to sail heeled, the generator set has to continue working in order to guarantee the necessary power to the electrical system on board. The gen-set can work intermittently with lateral or longitudinal inclination up to 30°.

ASSISTANCE NETWORK

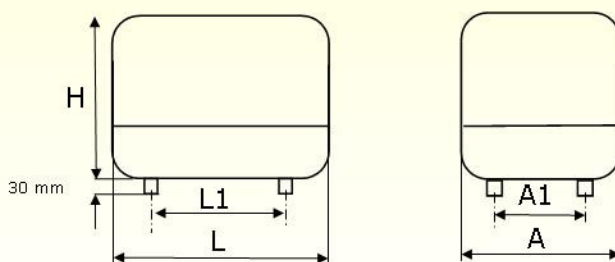
Lombardini Marine has a dealer and service network which covers Europe and the rest of the world wherever pleasure boats are operating. An efficient spare parts department ships parts and accessories anywhere in the world.



LMG 16500

TECHNICAL SPECIFICATIONS	
Diesel Engine	
Manufacturer	Lombardini Marine
Model	LDW 2204 MG
Cylinders	4
Displacement	2199 cc
Power ISO 3046—IFN	18 KW
Speed	1500 RPM (1800 RPM on request)
Electric starter	12 Volt remote controlled
Synchronous, brushless, AC water-cooled generator	
Manufacturer	V.T.E.
Power	16.5 KVA - 14 KW
Voltage	Single phase AC 230/115 Volt self-regulated
Frequency	50 Hz (60 Hz on request)
Battery charger voltage	12 Volt 8 Ampere
Cooling system	Through stainless steel and heat exchanger jacket
Set	
Noise emission	51 dBA
Weight soundproof hood included	320 Kg

Overall dimensions



	LMG 16500
H	720
L	1300
L1	1200
A	660
A1	540

LOMBARDINI
Marine is a division of:

LOMBARDINI
A KOHLER COMPANY

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