

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 the LMG 6000 generator set is the air-water cooling system with radiator. The sea water cools the oil as well as the external walls of the alternator's stator and the inlet air.

## **ENGINE**

The Lombardini 15 LD, single-cylinder, four-stroke diesel engine, is known for its compactness and lightness thanks to the crank case and cylinder head in aluminium and the air cooling system.

## **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 cladding, 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 hour meter. An automatic shutdown operates in case of oil pressure and water temperature failure, warning lights indicate high water temperature, low oil pressure.

A display indicates voltage, output current, engine battery low voltage and service check warning.

## **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 constantly with lateral or longitudinal inclination of 25° and intermittently with 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.

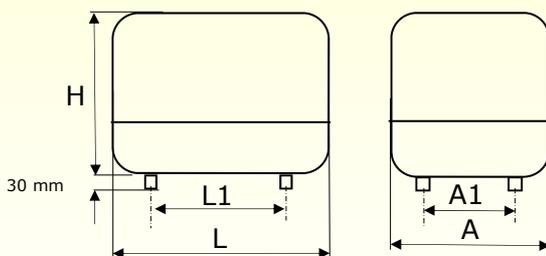
An efficient spare parts department ships parts and accessories anywhere in the world.



# LMG 6000

TECHNICAL SPECIFICATIONS	
<b>Diesel Engine</b>	
Manufacturer	Lombardini Marine
Model	Lombardini 15 LD 440
Cylinders	1
Displacement	442 cc
Power ISO 3046—IFN	7.4 KW
Speed	3000 RPM (3600 RPM on request)
Electric starter	12 Volt remote controlled
<b>Synchronous, brushless, AC water-cooled generator</b>	
Manufacturer	Sincro
Power	6 KVA - 5 KW
Voltage	Single phase AC 230/115 Volt self-regulated
Frequency	50 Hz ( 60 Hz on request )
Battery charger voltage	12 Volt 10 Ampere
Cooling system	Through stainless steel and heat exchanger jacket
<b>Set</b>	
Noise emission	56 dBA
Weight soundproof hood included	110 Kg

## Overall dimensions



	LMG 6000
H	540
L	615
L1	540
A	430
A1	345

**LOMBARDINI**  
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**LOMBARDINI**  
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