

Generating sets

- **Monophase Generators**
- **Triphase Generators**

Monophase Marine Generators



DM 350 GENERATORS (3.5Kw 50Hz) and DM 600 (6Kw 50Hz)

Sound proof canopy in polyester dust painted marine aluminium (ALLOY 5754 H111)
Its structure is composed by five panels with retractable

Locking levers easily removable

The innovative cooling system has a single cooling circuit either for the engine and for the alternator. It's the sea water which cools off the system.

Sea water / cooling water interchanger

Dimensions and noise level reduced

High proficiency of the Generating Set, regardless of ambient temperature.

ENGINE	DM 350	DM 600
Brand/Model	Farymann Diesel 18w	Nanni Diesel N2.10
Alimentation	Diesel	Diesel
Power/ Speed-min	6,1 hp / 3000 rpm	10 hp / 3000 rpm
Displacement	0,290 litres	0,479 litri
Cooling system	Sea water	Cooling interchanger
Requested cooling liquid	7 – 8 L/min	–
Bore and stroke	82x55 mm	67x68 mm
Compression ratio	20:1	23:1
Oil consumption	1,74 l/h	2,1 l/h
Mean piston speed	6,6 m/s	–
Number of cylinders	1	2
Aspiration	natural	–
Electrical equipment	12 V	12V
Dry weight	37 Kg	37 Kg
Max. installation angle	15 °	15 ° dynamic

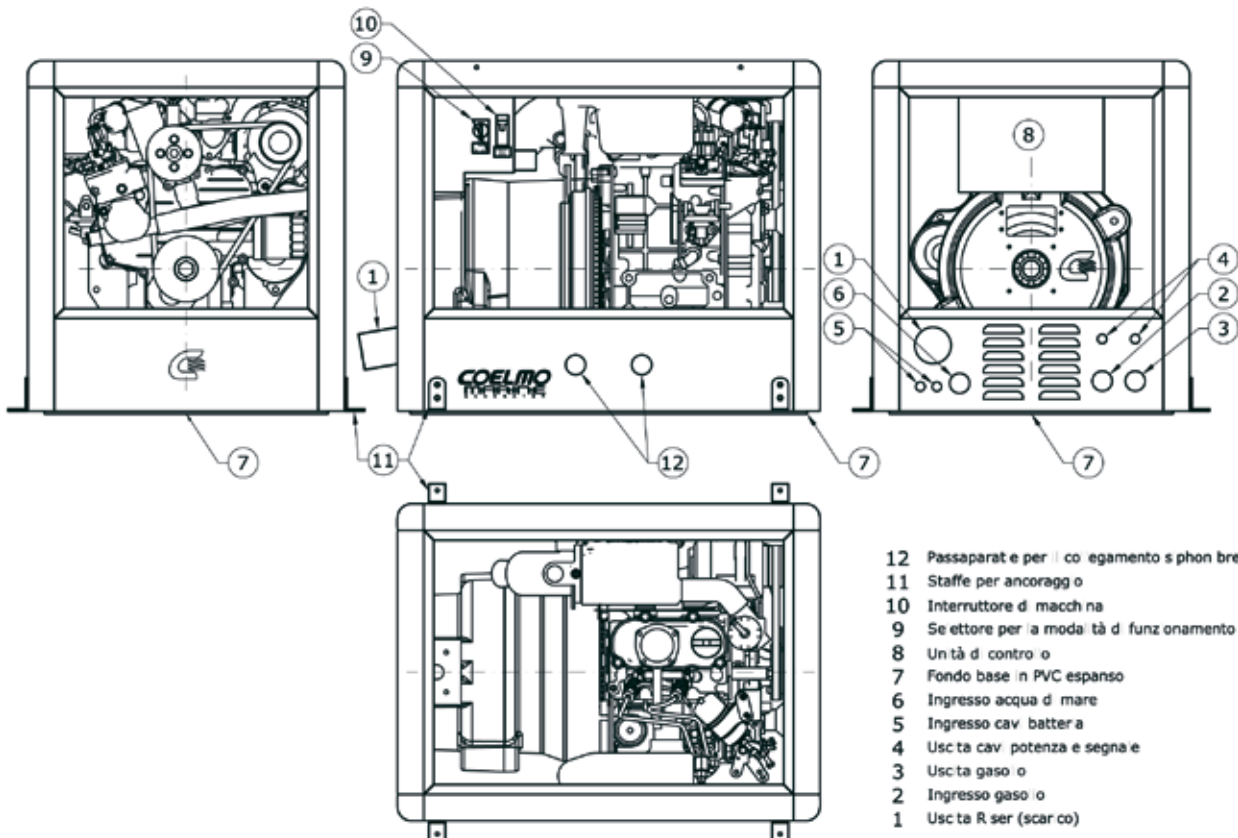
ALTERNATOR	DM 350 – DM 600
Brand/Model	Coelmo C35 – C60
Type / Poles	Synchro 2 poles
Rotor and stator coat	Epoxy
Insulation class	H
High temperature protection	YES
Tropicalization winding	YES
Housing	Aluminium
Cooling system piping	Aisi 316
Excitation	Brushless
Distortion max	6,5%
Voltage variation	± 5%
Rating at 2/4	82%
Rating at 3/4	83,5%
Rating at 4/4	83%
60 Hz 220/240 Hz version	On demand

Model	Continuous power Kw	Max power Kw	Output voltage V	Frequency Hz	Alternator Motor cooling	Noise 7 – 3 – 1m dB	Dimensions cm	Weight Kg	Code
DM 350	3,2 Kw	3,5 Kw	230 V	50 Hz	Salt water	52-56-60	59x40,5x51,5	105 Kg	RE 70201
DM 600	5,5 Kw	6,0 Kw	230 V	50 Hz	Salt water	54-56-60	65x48x53	128 Kg	RE 70202

Monophase Marine Gen

CONTROL BOARD

Complete visualization of Generating system
 Data interchange between the two boards by means of a serial port
 Using a simple signal cable type UTP CAT5
 Possibility to interface the control board on board system (SCADA)



Model	Display resolution	Backlit option	Display mm	Connection cable	Inlet hole mm	Dimensions mm	Code
Remote control	124x64 pixel	YES	70 x 40 mm	UTP CAT 5	-	96 x 96	RE 70210



Reba
di Garbarino s.r.l.
Nautical Equipment