



Gemap2 Srl Company with quality certification ISO 9001
Gemap 2 Srl gensets are compliant with EC mark which includes the following directives:

Ambient conditions of reference according to ISO 8528-1:2018 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2018, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2018, Emergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP

Continuous Power (COP): According to Standard ISO 8528-1:2018, this is the maximum power available for continuous loads for unlimited running hours a year between the maintenance times recommended by the manufacturer under the environmental conditions established by the same.

G3 class load acceptance in accordance with ISO 8528-5:2018

SERVICE

POWER PRP	kVA/kw	1000 /800
POWER LTP	KVA/KW	1100/880
RATED SPEED	r.p.m.	1.500
STANDARD VOLTAGE	V	400/230
USED YEAR 2003 WORKING HOURS 150		
RATED AT POWER FACTOR	Cos Phi	0,8



STANDARD SOUNDPROOFING



WATER-COOLED



THREE PHASE



50 HZ



DIESEL

Gemap2 Srl has the right to modify any feature without prior notice.

Weights and dimensions based on standard products. Illustrations may include optional equipment.

Technical data described in this catalogue correspond to the available information at the moment of printing.

The illustrations and images are indicative and may not coincide in their entirety with the product.

Industrial design under patent.

Gemap 2 S.r.l is certified ISO 9001:2015



Engine Specifications | 1.500 r.p.m.

Rated Output	kW	900
Manufacturer	DEUTZ	
Model	TBD616-V16	
Engine Type	4-stroke diesel	
Injection Type	Direct	
Aspiration Type	Turbocharged and after-cooled	
Cooling System	Water with electroradiator	

Governor	Type	Electrical
Air Filter	Type	Dry



Generator Specifications | MARELLI

Manufacturer	MARELLI	
Model	M8B400MB	
Poles	No.	4
Connection type (standard)	Star-series	
Mounting type	S-0 18"	
Insulation	Class	H class

Enclosure (according IEC-34-5)	IP21
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)

WEIGHT AND DIMENSIONS

Standard Version		
Length (L)	mm	7800
Height (H)	mm	3600 (without silencer 2600)
Width (W)	mm	2430
Fuel tank capacity	L	400
Autonomy (100% PRP)	Hours	1,8
Weight	Kg	13000

SOUND PRESSURE

Sound pressure level	dB(A)@7m	79 ± 2,4
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APPLICATION DATA

EXHAUST SYSTEM

Maximum exhaust temperature	°C	590
Exhaust Gas Flow	m³/min	154.2

NECESSARY AMOUNT OF AIR

Cooling Air Flow	m³/min	1466
Combustion air flow	m³/min	59.3

FUEL CONSUMPTION

Fuel Consumption ESP	l/h	248
Fuel Consumption 100% PRP	l/h	225
Fuel Consumption 75 % PRP	l/h	165
Fuel Consumption 50 % PRP	l/h	110