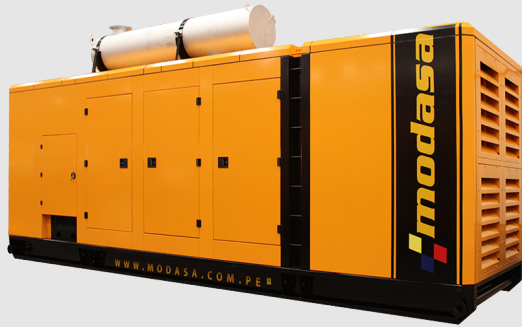


MODEL	POWER		VOLTAGE	FRECUENC	FACTOR DE POTENCIA	AMPERAJE
	PRIME	STANDBY				
MB-1005	909.1 kW/1136 kVA	1006 kW/1257 kVA	380V	50Hz	0.8	1910 A



ENCLOSED GENERATOR SET



OPEN GENERATOR SET

Specifications

Generator set

Model	MB-1005
Engine	BAUDOUIN 12M33G1265/5
Alternator	STAMFORD S6L 1D-G41
Control Panel	Electronic
Phases	Three-phase
Fuel Tank	550 Gallons / 800 Gallons
Electric System	24V.
Frequency	50Hz
Cooling Fan Air Flow	1680 m3/min
Combustion Air Flow	78.3 m3/min
Exhaust Gas Flow	234.6 m3/min
Exhaust Gas Temperature	750°C

Enclosed Genset dBA @ 7m	Noise level	Env. noise
	87 + 2 dBA	50 dBA

Reference noise level

Engine

Number of Cylinders	12 in "V"
Governor Type	ECM/ECU
Cycle	4-Stroke
Aspiration	Turbocharged aftercooled
Fuel	Diesel
Combustion System	Direct injection
Cooling Method	Coolant
Bore	150.0 mm
Stroke	185.0 mm
Displacement	39200 cc
Compression Ratio	15:1
Lubrication System Capacity	160.0 liters
Cooling System Capacity	303.0 liters

Fuel consumption

Engine speed	1500 RPM l/hr
Stand by Power (2)	-
Prime Power (1)	243.8
75% Prime Power (1)	188.1
50% Prime Power (1)	127.0

Alternator

Insulation System	Clase «H»
Exciter Type	Separately-excited
Voltage Regulation Card	MX321 ± 0.5%
Protection Class	IP 23

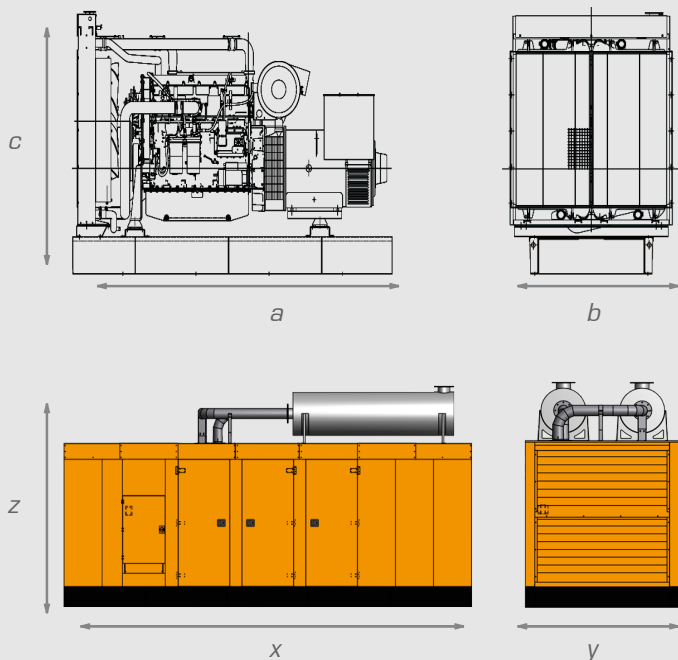
Normas Técnicas Referenciales

Engine :	ISO 8528-1, ISO 3046, DIN 6271
Alternator :	BS EN 60034, BS5000, IEC34 VDE 0530, NEMA MG1-32 CSA C22.2-100, AS1359
Generator set:	ISO 8528

Dimensions

	<i>a</i>	<i>b</i>	<i>c</i>	<i>Weight</i>	<i>Ø Exh.</i>
<i>Dimensions and weights</i>	5200 mm	2255 mm	2557 mm	11400 Kg	10"
	<i>x</i>	<i>y</i>	<i>z</i>	<i>Weight</i>	<i>Ø Exh.</i>
	7643 mm	2299 mm	2610 mm	13800 Kg	10"

*Referential measurements, for more details request dimensional drawing



Control panel



Outfitted with state of the art digital control panel, it allows starting, controlling, protecting and stopping the generator set in manual and automatic modes. Performs automatic transfer.

Measurements shown with alpha-numeric characters on the digital screen:

- Current of the three phases L1, L2, L3
- Energy demand KWh, KVAh, KVAh
- Power factor
- Frequency
- Working time
- Memory of the last 250 events, description, date and time
- Oil pressure
- Sequence of generator phases
- Cooling temperature
- Rotation speed.
- Battery voltage
- Voltage of the three phases L - L and L - N

Optional Accesories

- Monoblock water heater.
- Variety of voltages
- Battery disconnect switch (main switch)
- Fuel level electric meter
- Remote speed/voltage potentiometer
- Alternator dehumidifying resistance
- Residential muffler. (included in Silent Genset)
- Automatic transfer board

Protections:

- CAN diagnosis
- Starter failure
- Stop failure
- Negative phase sequence failure
- Overload fault
- Over current failure
- Emergency stop
- Loss of speed signal due to pickup disconnection.

M: Modasa / B: BAUDOUIN Engine / 1005: Potencia referencial del G.E. / / E: EPA Tier

* Note: Images for reference, specifications are subject to change without notice.

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