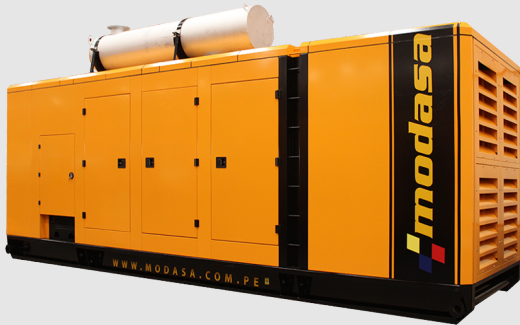
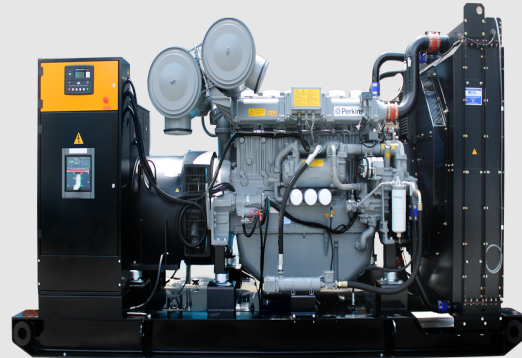


MODELO	POTENCIA		VOLTAJE	FRECUENCIA	FACTOR DE POTENCIA	AMPERAJE
	PRIME	STAND BY				
MB-1000	905/1131	1000/1250	208V	60Hz	0.8	1280 A
MB-1000	904.8/1131	1000.9/1251.2	440V	60Hz	0.8	1642 A
MB-1000	905.7/1132.2	1002/1252.5	480V	60Hz	0.8	1643 A



ENCLOSED GENERATOR SET



OPEN GENERATOR SET

Specifications

Generator set

Model	MB-1000
Engine	BAUDOUIN 12M33G1000/6
Alternator	STAMFORD S6L 1D-E41
Control Panel	Electronic
Phases	Three-phase
Fuel Tank	500 Gallons / 750 Gallons
Electric System	24V.
Frequency	60Hz
Cooling Fan Air Flow	2100 m ³ /min
Combustion Air Flow	88.3 m ³ /min
Exhaust Gas Flow	238 m ³ /min
Exhaust Gas Temperature	750°C

Enclosed Genset dBA @ 7m	Noise level 85+2 (ref) dBA	Env. noise 50 dBA
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Reference noise level

Engine

Number of Cylinders	12 in "V"
Governor Type	Electronic
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	1800 RPM l/hr
Stand by Power (2)	267.8
Prime Power (1)	241.3
75% Prime Power (1)	181.5
50% Prime Power (1)	125.8

Alternator

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

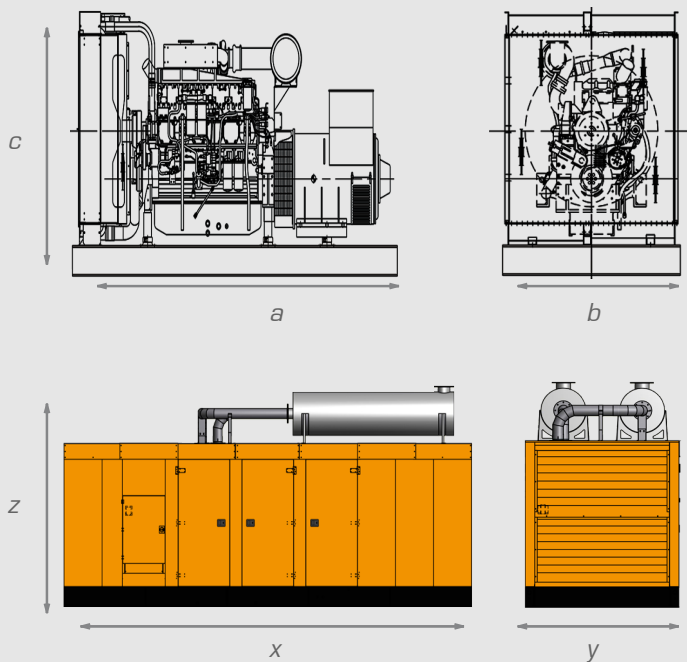
Normas Técnicas Referenciales

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

	a	b	c	Weight	Ø Exh.
Dimensions	5300 mm	2000 mm	2600 mm	11050 Kg	8"
and weights	x	y	z	Weight	Ø Exh.
	6800 mm	2400 mm	3530 mm	13450 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, KVArh
- Active energy KVAh
- Power factor
- Frequency
- Working time
- Memory of the last 250 events, description, date and time
- Active Power KW
- Reactive Power KVA
- 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.
- Battery charger
- Variety of voltages
- Kit de conexión en paralelo (sincronismo)
- Remote speed/voltage potentiometer
- Relé de expansión DSE 2157
- Alternator dehumidifying resistance
- Residential muffler. (included in Silent Genset)
- Sonda térmica (termistores) RTD de bobinado
- Automatic transfer board
- Tubo flexible de acero inoxidable (incluido en el GE insonoro)

Protections:

- Activated maintenance alarm set
- High temperature of the motor
- Low/High frequency
- Low oil pressure
- Low/High battery voltage
- Low/High generator voltage
- 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 / 1000: Potencia referencial del G.E. / / E: EPA Tier

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

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 Jun - 2025

