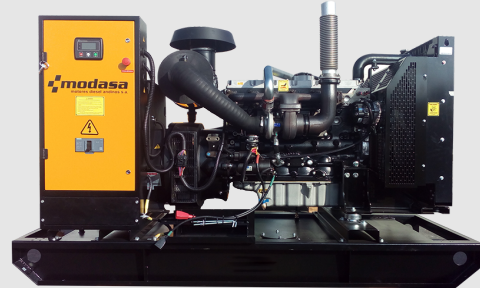


MODEL	POWER		VOLTAGE	FREQUENCY	POWER FACTOR	CURRENT
	PRIME	STAND BY				
MB-110	100.6 Kw/125.8 KVA	111.5 Kw/139.4 KVA	208V	60Hz	0.8	387 A
MB-110	101 Kw/126.2 KVA	111.9 Kw/139.8 KVA	440V	60Hz	0.8	183 A
MB-110	101.5 Kw/126.9 KVA	112.5 Kw/140.6 KVA	480V	60Hz	0.8	169 A



ENCLOSED GENERATOR SET



OPEN GENERATOR SET

## Specifications

### Generator set

Model	MB-110
Engine	BAUDOUIN 6M11G110/6
Alternator	MODASA LYG 274C
Control Panel	Electronic
Phases	Three-phase
Fuel Tank	82 Gallons / 102 Gallons
Electric System	24V.
Frequency	60Hz
Cooling Fan Air Flow	358 m <sup>3</sup> /min
Combustion Air Flow	8.9 m <sup>3</sup> /min
Exhaust Gas Flow	23.6 m <sup>3</sup> /min
Exhaust Gas Temperature	700°C

Enclosed Genset dBA @ 7m	Noise level 75+2 (ref) dBA	Env. noise 50 dBA
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Reference noise level

### Engine

Number of Cylinders	6 in-line
Governor Type	Electronic
Cycle	4-Stroke
Aspiration	Turbocharged aftercooled
Fuel	Diesel
Combustion System	Direct injection
Cooling Method	Coolant
Bore	105.0 mm
Stroke	130.0 mm
Displacement	6750 cc
Compression Ratio	18:1
Lubrication System Capacity	19.0 liters
Cooling System Capacity	20.0 liters

### Fuel consumption

Engine speed	1800 RPM l/hr
Stand by Power (2)	31.0
Prime Power (1)	28.3
75% Prime Power (1)	21.7
50% Prime Power (1)	15.2

### Alternator

Insulation System	Clase «H»
Exciter Type	Self exciter
Voltage Regulation Card	SX460 ± 1.0%
Protection Class	IP 22

### 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

The generator set is designed and manufactured at the MODASA facilities, certified according to the ISO 9001 standard.

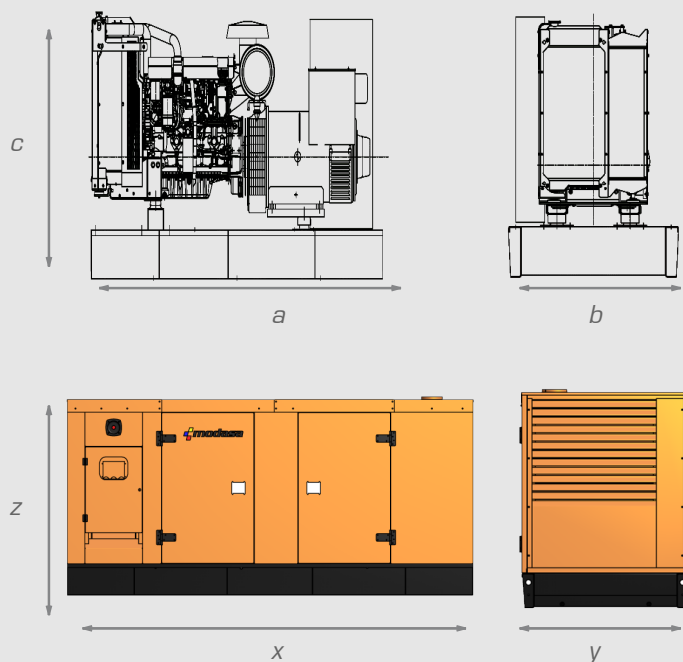
(1) Prime Power: Power available at variable load for an unlimited number of hours per year (ISO8528-1). Accepts overloads of 10% more than the power for one hour every 12 hours.

(2) Stand By Power: Power available with variable load in the event that the commercial network fails. Does not accept overloads (ISO8528-3); It has a usage limit of 500 hours per year or 300 continuous hours.

## Dimensions

Dimensions and weights	a	b	c	Weight	Ø Exh.
	2400 mm	980 mm	1368 mm	1445 Kg	3"
	x	y	z	Weight	Ø Exh.
	3400 mm	1339 mm	1900 mm	2225 Kg	5"

\*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 150 events, description, date and time
- Active Power KW
- Reactive Power KVA
- Oil pressure
- 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
- Fuel level electric meter
- DEEP SEA control module
- PMG.
- Remote speed/voltage potentiometer
- Alternator dehumidifying resistance
- Residential muffler. (included in Silent Genset)
- Automatic transfer board

### 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
- Overload fault
- Over current failure
- Emergency stop
- Loss of speed signal due to pickup disconnection.

M: Modasa / B: BAUDOUIN Engine / 110: 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

