



FB 110

Diesel Generator

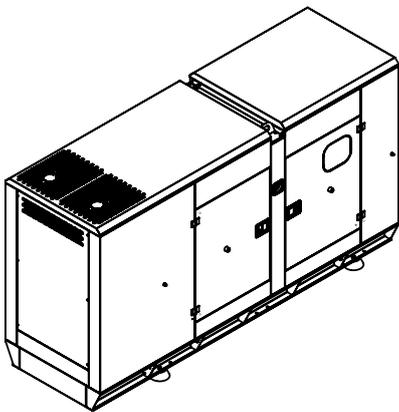


GENERAL SPECIFICATIONS

Stand By Power	kVA	110
	kW	88
Prime Power	kVA	100
	kW	80
Frequency	Hz	50
Cooling System	Water Cooling	

- 1) Standby power: The max 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. Overloading isn't permissible.
- 2) Prime Power: The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.

DIMENSIONS & WEIGHT

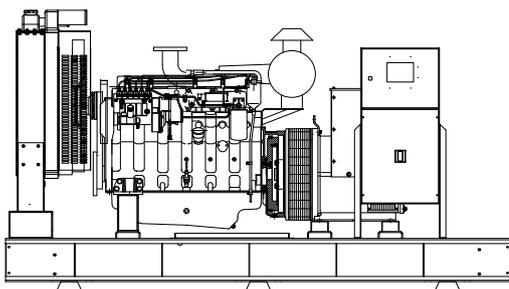


WITH CANOPY

Length L (mm)	Width W (mm)	Height H (mm)	Weight (Kg)	Fuel Tank Capacity
2800	1000	1620	1460	195

OPEN TYPE

Length L (mm)	Width W (mm)	Height H (mm)	Weight (Kg)	Fuel Tank Capacity
2350	1000	1810	1240	195



ENGINE

Engine	BAUDOUIIN		
Engine Model			4M10G110-5
Number of Cylinders			4 Inline
Injection System			Direct
Compression Ratio			17.5 : 1
Bore		mm	105
Stroke		mm	118
Displacement		lt	4.1
Air Intake			Turbocharge & Aftercooled
Speed (RPM)		rpm	1500
Oil Capacity		lt	14
Standby Power		kW / hp	100 / 134
Prime Power		kW / hp	90 / 120.7
Fuel Type			Euro Diesel
Governor System			Electronic
Cooling System			Water Cooling
Coolant Capacity		lt	18
Fuel Consumption (lt / h)	Full Load		21.3
	%75 Load		16
	%50 Load		11

ALTERNATOR

Frequency		Hz	50
Voltage		V	400
Nb of Phases			3
Voltage Regulation			±1%
Insulation Class			H
Protection Standard			IP23
Power Factor		Cos	0.8

TECHNICAL SPECIFICATIONS

ENGINE

- Baudouin heavy duty diesel engine
- 12V / 24V starter and charge alternator
- Replaceable air, fuel and oil filters
- Mechanical or electronic governor control
- Tropical type radiator
- Flexible fuel hose
- Oil drain valve and extension hose
- Industrial type silencer and steel compensator
- Maintenance-free starter battery
- Water jacket heater
- 1500 rpm engine speed

ALTERNATOR

- IP23 Protection Standard
- H Insulation Class
- 50 Hz Frequency
- 4 pole brushless synchronous type alternator
- Automatic Voltage Regulator (AVR)
- 400/230V AC Output Voltage - 1500 rpm

CONTROL PANEL

- ComAp IntelLite AMF25

SOUND PROOF CANOPY AND CHASSIS

- Convenient design for easy lifting and carrying
- High standard sound proof canopy design
- Modular design with easily removable nuts - bolts
- Lockable doors
- Transparent window for watching Control Panel
- Electrostatic powder painted, providing protection against harsh weather conditions
- Emergency STOP button
- Fuel tank inside the chassis
- Anti-vibration wedges (engine - chassis and chassis - ground)

OPTIONAL

- Thermal magnetic CB (for automatic models)
- Super Silent Canopy
- Mobile Generator Sets
- Automatic fuel filling system
- Synchronization panel
- 3 Pole and 4 Pole ATS (Automatic Transfer Switch)
- Fuel Heater, Oil Heater
- External fuel tank and automatic fuel filling system
- Fuel - water separator filter
- Remote monitoring and control system

