

Diesel generating set

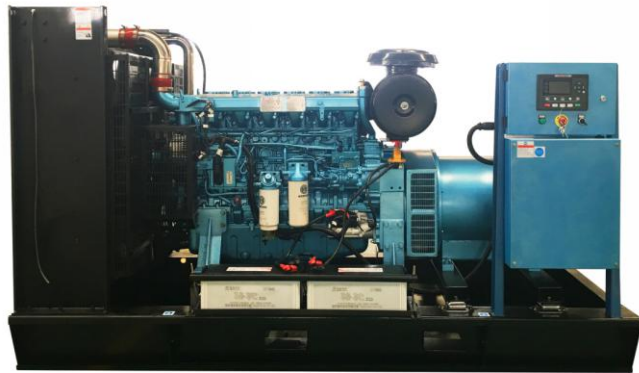
SW1000GF

MODEL	SW1000GF
Standby Power(50HZ)	792KW/990KVA
Prime Power(50HZ)	720KW/900KVA

General Features

- Engine(BAUDOUIN 8M33G1000/5)
- Radiator 40°C max, fans are driven by belt ,with safety guard
- 24V charge alternator
- AlternatorMECC ALTE ECO43 2S4Asingle bearing alternator IP23, insulation class H/H
- Absorber
- Dry type air filter ,fuel filter ,oil filter
- Main line circuit breaker
- Standard control panel
- Two 12V batteries ,rack and cable
- Ripple flex exhaust pipe ,exhaust siphon flange ,muffler.

User manual



Generator Ratings

voltage	HZ	phase	P.F	Standby/Prime Amps	Stand by Rating (KVA) (KW/KVA)	Prime Ratings (KW/KVA)
400/230	50	3	0.8	1299.08/1428.98	792/990	720/900

Prime power (PRP): Prime power is available for an unlimited number of annual hours in available load application , in according with GB/T2820-97(EQVLso8528); A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation.

Standby power Rating (ESP) ; The standby power rating is application for supplying emergency power for the duration of a utility power interruption .No overload ,utility parallel or negotiated outage operation capability is available at this rating.

Sales Promises

Provides a full line of brand new and high quality products .Each and every unit is strictly factory tested. Warranty is according to our standard conditions: 12 months or 1000 running hour's .subject to the earlier one. Service and parts are available from our factory or distribution in your location.

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ENGINE DATA

Manufacturer /Model:	BAUDOUIN 8M33G1000/5
Air intake System:	Turbocharge
Fuel System :	Mechanical Pump+Electronic Speed Governor
Cylinder Arrangement:	8.V
Displacement :	26.14L
Bore and Stroke:	150*185 (MM)
Compression Ratio:	15:1
Rated RPM:	1500rpm
Max standby Power at Rated RPM:	902KW
Governor Type:	Electric governor
Frequency Regulation ,Steady State :	≤ 3%

Exhaust System

Exhaust Gas Flow:	149.6m3/min
Exhaust Temperature:	550°C
Max Back Pressure:	7.5.KPa

Fuel System

110 %(Standby Power) Load:	none
100 %(Prime Power) Load:	none

Oil System

Total Oil Capacity:	depend on your demand
Oil Consumption:	≤0.3%
Engine Oil Tank Capacity:	109L
Oil Pressure at Rated RPM:	600KPa

Cooling System

Total Coolant Capacity:	none
Thermostat:	82°C
Max Water Temperature:	92°C

Emissions

No x:	TBA
CO:	TBA
SOOR:	TBA
HC:	TBA

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ALTERNATOR SPECIFICATION

Alternator Data

Manufacture /Type:	MECC ALTE ECO43 2S4A
Number of Phase:	three
Connecting Type:	3Phase and 4 wire
Number of Bearing:	one
Power Factor:	0.8
Protection Grade:	IP23
Altitude:	<1000m
Exciter Type:	Brush less, self-exciting
Insulation Class, Temperature Rise:	H/H
Telephone Influence Factor (TIF):	< 50
THF:	<2%
Voltage Regulation, Steady State:	<1.0%
Alternator Capacity:	930KVA
Alternator Efficiencies:	93.6%

GENERATING SET DATA

Voltage Regulation:	$\geq \pm 5\%$
Voltage Regulation, Stead State:	$\leq \pm 1\%$
Sudden Voltage Warp (100% Sudden Reduce) :	
Sudden Voltage Warp (sudden Increase):	$\leq -20\%$
Voltage Stable Time (100% sudden Reduce):	$\leq 6s$
Voltage Stable Time (Sudden Increase):	$\leq 6s$
Frequency Reduce:	$\leq 5\%$ adjustable
Frequency Regulation, Stead State:	$\leq 1.5\%$
Frequency waving:	$\leq 0.8\%$
Sudden Frequency Warp (100% Sudden Reduce) :	$\leq +12\%$
Sudden Frequency Warp (Sudden Increase):	$\leq -10\%$
Frequency Recovery Time (100% sudden Reduce):	$\leq 5s$
Frequency Recovery Time (Sudden Increase):	$\leq 5s$

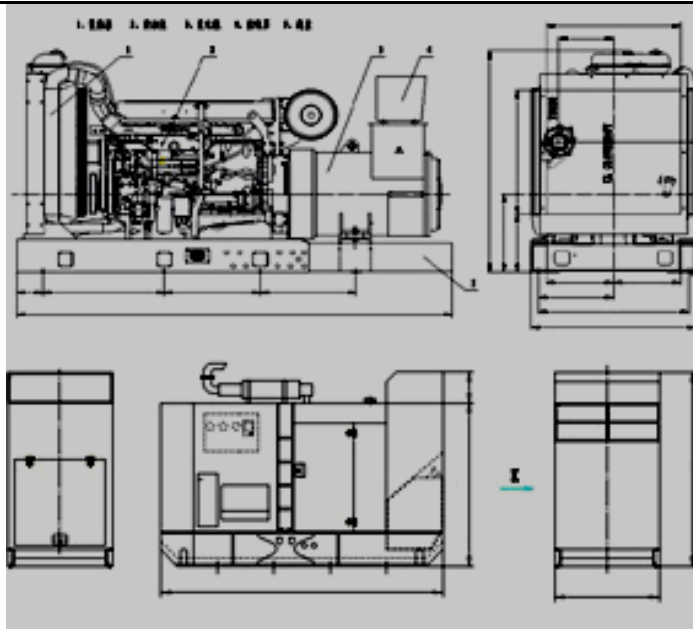
Options

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Engine	Fuel System	Control System
• Heater • Battery • Auto Control Panel • Remote Control Panel • Auto Transfer Switch (ATS) Control Panel • Paralleling System • Electricity out put cabinet • Anti Condensation Heater • Permanent Magnet • Generator (PMG) • DROP CT (For Paralleling) • Rainproof Type • Soundproof Type	• Daily Fuel Tank • Base Fuel Tank • Water Separator	

Dimension & Weight



Open-frame Type:
Overall Size :4800mm)×1750(mm)×2500(mm)
Weight:7611kg

Soundproof type:
 None

Basic Control Panel

Auto Module Control Panel



Automatic Control Panel is the basic configuration for nobody on duty controlling generator. This kind of panel can accept the remote Start/Stop signals.

(Controlled by ATS)

Features: adopted Chinese producing, Auto control system, with large LCD, Display in English (or CHINESE) to show the menu. With Auto Control Panel generator are of various functions such as auto/manual stop (Emergency Stop), programmable plugs for input and output detected data, symbols diagram will show in the LCD, etc.

Auto Parallel Control Panel



Automatic Parallel Control Panel This new automatic parallel system adopts intelligent modules, inserted and folded installed, no need the peripheral relay and logic circuit. The main switch adopts electronic breaker or frame breaker, combined together with the generator, which is very reliable. One generator, one panel. The panel can be used both for singly and parallel. It is only need to parallel generator with such panel when the capability needs to be enlarged in the future.