

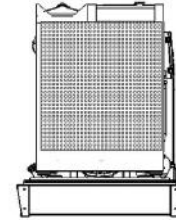
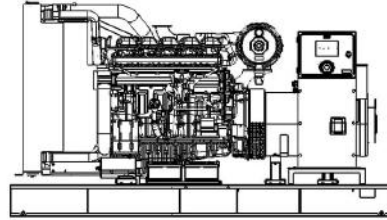
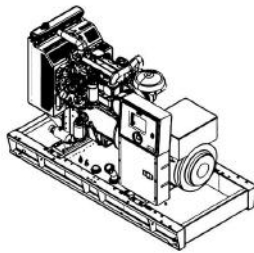


Output Power

Standby Power (ESP)	kVA	50
	kW	40
Prime Power (PRP)	kVA	45
	kW	36

Size

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise dB(A) @ 7m
Canopied	950 x 2200 x 1450	911	90	70
Open Skid	950 x 2000 x 1060	665	160	N/A



Continuous Power

The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded.

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 or under test conditions for up to 200 hrs of operation per year under average of 70% load. Overloading isn't permissible.

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.



Engine

Manufacturer		BAUDOUIIN
Model		4M06G50/5
Cylinder Configuration		IN-LINE
No of Cylinders		4
Displacement	lt	2,3
Bore	mm	89
Stroke	mm	92
Compression Ratio		17,5:1
Aspiration		TURBOCHARGE-AFTERCOOLER
Governor Type		ELECTRONIC
Cooling System		WATER
Coolant Capacity	lt	12,9
Lubrication Oil Capacity	lt	9,5
Electrical System	VDC	12
Speed / Frequency 50 Hz	rpm	1500 rpm / 50 Hz
Engine Gross Power (Standby 50 Hz)	kW	48
Fuel Consumption % 110 ESP 50 Hz	lt/h	11,8
Fuel Consumption % 100 PRP 50 Hz	lt/h	10,7
Fuel Consumption % 75 PRP 50 Hz	lt/h	7,8
Fuel Consumption % 50 PRP 50 Hz	lt/h	5,4
Exhaust Outlet Temperature 50 Hz	°C	650
Exhaust Gas Flow 50 Hz	m ³ /min	9,42
Combustion Air Flow 50 Hz	m ³ /min	2,7
Cooling Air Flow 50 Hz	m ³ /min	102

Alternator

Manufacturer		LEROY-SOMER
Model		TAL042F
No of Phases		3
Power Factor		0,8
No of Bearings		SINGLE
No of Poles		4
No of Leads		6
Voltage Regulation (Steady State)		± % 1
Insulation Class		H
Degree of Protection		IP 23
Excitation System		AVR (Automatic Voltage Regulator), Brushless
Connection Type		STAR
Total Harmonic Content (No Load)		< % 2
Frequency	Hz	50
Voltage Output 50 Hz	VAC	230 / 400
Rated Power (Standby) 400_50 Hz	kVA	50
Efficiency (4/4_400 V_50 Hz)	%	88,7