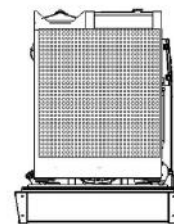
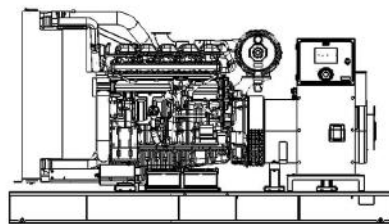
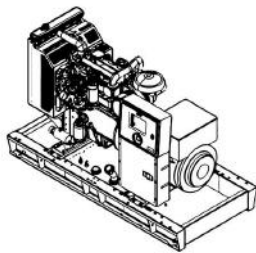


Output Power

Standby Power (ESP)	kVA	165
	kW	132
Prime Power (PRP)	kVA	150
	kW	120

Size

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise dB(A) @ 7m
Canopied	1200 x 3860 x 1850	2046	330	70
Open Skid	1200 x 2700 x 1500	1505	330	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		6M11G165/5
No of Cylinders		6
Cylinder Configuration		IN-LINE
Displacement	lt	6,75
Stroke	mm	130
Bore	mm	105
Compression Ratio		18:1
Aspiration		TURBOCHARGE-AFTERCOOLER
Governor Type		ELECTRONIC
Cooling System		WATER
Coolant Capacity	lt	17
Lubrication Oil Capacity	lt	17
Electrical System	VDC	12
Speed / Frequency 50 Hz	rpm	1500 rpm / 50 Hz
Engine Gross Power (Standby 50 Hz)	kW	152
Fuel Consumption % 110 ESP 50 Hz	lt/h	36,1
Fuel Consumption % 100 PRP 50 Hz	lt/h	32,7
Fuel Consumption % 75 PRP 50 Hz	lt/h	24,5
Fuel Consumption % 50 PRP 50 Hz	lt/h	16,7
Exhaust Outlet Temperature 50 Hz	°C	550
Exhaust Gas Flow 50 Hz	m ³ /min	30,12
Combustion Air Flow 50 Hz	m ³ /min	9,1
Cooling Air Flow 50 Hz	m ³ /min	304,5

Alternator

Manufacturer		LEROY-SOMER
Model		TAL044J
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	165
Efficiency (4/4_400 V_50 Hz)	%	91,9