



DATASHEET

DSG100



Technical Specifications

GENERATOR	Prime	kVA	100
		kW	80
	Standby	kVA	110
		kW	88
	Current	A	144
	Power Factor	Cos-φ	0,8
	Frequency	Hz	50
	Voltage	V	400
	N° Phases		3+N
	Rotation Speed	RPM	1500
	Weight	Kg	1610
	Dimensions	L mm	2700
		W mm	1130
		H mm	1864
	Noise Level	dBA@7mt	68
ENGINE	Battery	Ah	100
	Battery Voltage	Vcc	12
	Tank Capacity	L	120
	Brand		Cummins
	Model		6BTA5.9
	Emission		Stage 0
	N° Cylinders		6
	Displacement	cm ³	5900
	Rotation Speed		1500
	Engine Type		Electronic
	Cooling Method		Water
	Power Rating ISO 3046/1	kW	80
	Injection		Direct
	Distribution		Turbocharged
	Consumption 100%	L/h	25
ALTERNATOR	Consumption 75%	L/h	18
	Consumption 50%	L/h	12
	Consumption 25%	L/h	7
	Brand		STAMFORD
	Model		UCI 274 C
	Continuous Power	kVA	100
	Coupling	SAE	3-11,5"
	N° Phases		3+N
	Ingress Protection	IP	IP23
	Insulation Class		H



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Svensson Generators' equipment is compliant with all required regulations to acquire CE marking including but not limited to:

- 2006/42 / EC, Machine Safety
- 2006/95 / EC, Low voltage
- 2004/108 / EC, Electromagnetic

Compatibility

- 2000/14 / EC and 2005/88 / EC, Sound emissions from outdoor machines.
- EN12100, EN13857, EN60204

P.R.P. - ISO 8258 (PRIME POWER)

It is the maximum power available for a variable power cycle that can occur for an unlimited number of hours per year between the marked maintenance intervals.

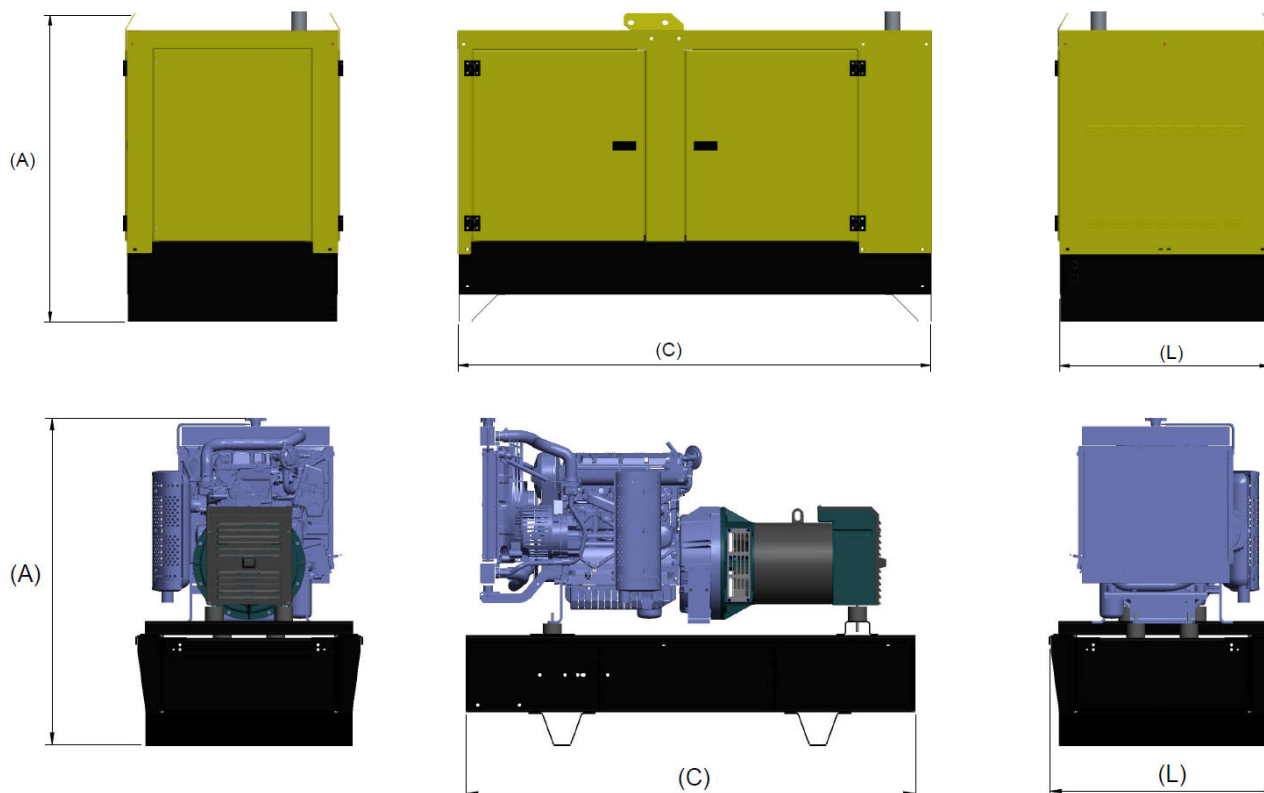
Consumable average power over a 24-hour period should not exceed 80% of P.R. 10% overload is only allowed for regulation purposes.

L.T.P. - ISO 3046 (LIMIT TIME POWER)

It is the maximum power available for use in variable loads for a limited number of hours per year (500 hours) within the following maximum operating limits: 100% load 25h / year - 90% load 200h / year. There is no overhead. It is applicable in case of interruption of distribution in zones of reliable electrical network.

Dimensions

Length (C)	Width (L)	Height (A)	Weight
2700 mm	1130 mm	1864 mm	1610 Kg



Display

	MANUAL (MAN)	AUTOMATIC (AMF)		SYNC
Model	DSE 4510	DSE 6020MKII	DSE 7320	DSE 8610
Start/Stop Button	✓	✓	✓	✓
Remote Start/Stop*	✓	✓	✓	✓
Emergency Button	✓	✓	✓	✓
Hours Counter	✓	✓	✓	✓
Start/Stop Scheduler	✓	✓	✓	✓
Maintenance Scheduler	✓	✓	✓	✓
Engine Protection	✓	✓	✓	✓
Alternator Protection	✓	✓	✓	✓
Frequency	✓	✓	✓	✓
Engine RPM	✓	✓	✓	✓
Fuel Level %	✓	✓	✓	✓
Events Log	✓	✓	✓	✓
ATS Control	-	✓	✓	✓
Fuel Consumption l/h	-	-	✓	✓
Phases Sequence	-	-	✓	✓
ModBus Protocol	-	-	✓	✓
Synchronize - Parallel	-	-	✓	✓
Configurable DC outputs	4	4	6	8
Configurable Inputs	4	6	8	12

The technical characteristics described in this catalog corresponds to the information available at the time of printing. Svensson Generators is a trademark of Svensson Machinery BV.