

G100 Generators**Ratings**

Ratings	50 Hz	
	kW	kVA
Prime	88.0	100.0
Standby	80.0	110.0

Engine

	Prime rating
Engine manufacturer	John Deere
Engine model	4045HFG82
Configuration	4 Cycle; In-line; 4 Cylinder Diesel
Aspiration	Turbocharged and A/A Aftercooled
Gross engine power output, kWm	93
Bore, mm	106
Stroke, mm	127
Rated speed, rpm	1500
Compression ratio	0
Lube oil capacity, L	14.7
Governor type	ECU
Starting voltage	12 Volts DC
Emission Level Compliance	EU Stage IIIA

Alternator

Alternator Manufacturer	Leroy Somer
Alternator Model	LSA 44.3S5
Rating continuous (50 Hz - kVA)	100
Excitation system STD/OPT	AREP-D350
Impregnation	Heavy Duty Impregnation (HDI2)
IP rating	23

Fuel Tank

Standard tank capacity (L)	280
Standard tank autonomy @ 75 % load - Prime (Hours)	14.3
Extended tank capacity (L)	560
Extended tank autonomy @ 75 % load - Prime (Hours)	28.6

Fuel Consumption

Prime 0% L/h	0
Prime 50% L/h	14
Prime 75% L/h	20
Prime 100% L/h	24

G100 Generators

Electrical

Battery type	1x12V
Battery Capacity (Ah)	120
Battery Cold Cranking Amps	700
Main circuit breaker - Brand	Schneider
Main circuit breaker - Type	Manual 4P
Main circuit breaker - Amps	160

Control Panel

Brand	Deep Sea Electronics
Reference	4510

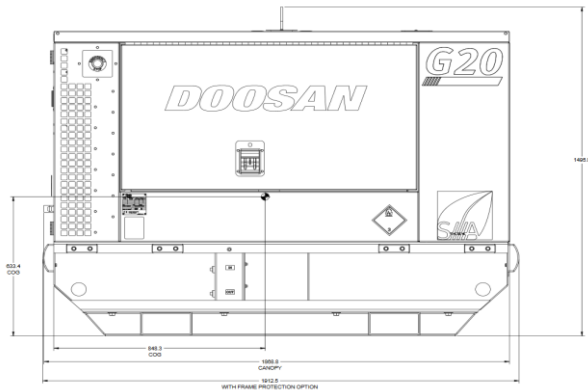
Cooling

Fan load, KW _m	0
Coolant capacity (with radiator), L	20
Cooling system air flow, m3/sec @ 12.7mmH2O	0
Limited Ambient Temperature	53

Weights*

	Standard fuel tank	Extended fuel tank
Unit dry weight kgs	1858	2035
Unit wet weight kgs	2130	2555

* Weights represent a set with standard features.



Dimensions

	Length	Width	Height
Standard dimensions (without option)	2739	1200	1666
Rubber protection option	2829	1300	
Extended fuel tank			1834
	Inside dist	Outside dist	Height
Forklift pockets (mm)	725	1105	90

Noise

Measured LWA	95
Average Noise level @ 1m @ 75 % load dB(A)	78
Average Noise level @ 7m @ 75 % load dB(A)	68