

**Ratings**

Ratings	50Hz Hz	
	kW	kVA
Prime	440.0	500.0
Standby	400.0	550.0

**Engine**

	Prime rating
Engine manufacturer	Scania
Engine model	DC16
Configuration	4 Cycle; Vee; 8 Cylinder Diesel
Aspiration	Turbo Charged and Charge Air Cooled
Gross engine power output, kWm	438
Bore, mm	130
Stroke, mm	154
Rated speed, rpm	1500
Compression ratio	16.7:1
Lube oil capacity, L	48
Governor type	ECU
Starting voltage	24 Volts DC
Emission Level Compliance	EU Stage IIIA

**Alternator**

Alternator Manufacturer	Leroy Somer
Alternator Model	LSA47.2M7
Rating continuous ( 50 Hz - kVA)	500
Excitation system STD/OPT	AREP-D350
Impregnation	Heavy Duty Impregnation ( HDI2)
IP rating	23

**Fuel Tank**

Standard tank capacity ( L)	1050
Standard tank autonomy @ 75 % load - Prime (Hours )	13
Extended tank capacity ( L)	1750
Extended tank autonomy @ 75 % load - Prime (Hours)	21

**Fuel Consumption**

Prime 0% L/h	0
Prime 50% L/h	55
Prime 75% L/h	82
Prime 100% L/h	106

# G500 Generators

## Electrical

Battery type	2x12V
Battery Capacity ( Ah)	2x185
Battery Cold Cranking Amps	1200
Main circuit breaker - Brand	Schneider
Main circuit breaker - Type	Manual 4P
Main circuit breaker - Amps	800

## Control Panel

Brand	Digital Control Panel( DCP)
Reference	MRS19

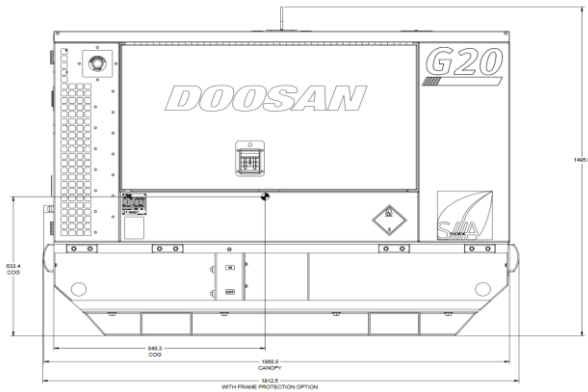
## Cooling

Fan load, KW <sub>m</sub>	0
Coolant capacity (with radiator), L	52
Cooling system air flow, m3/sec @ 12.7mmH2O	0
Limited Ambient Temperature	40

## Weights\*

	Standard fuel tank	Extended fuel tank
Unit dry weight kgs	5495	5680
Unit wet weight kgs	6490	7155

\* Weights represent a set with standard features.



## Dimensions

	Length	Width	Height
Standard dimensions ( without option )	4760	1740	2340
Rubber protection option	4850	1840	
Extended fuel tank			2540
	Inside dist	Outside dist	Height
Forklift pockets ( mm)	1532	2012	90

## Noise

Measured LWA	99
Average Noise level @ 1m @ 75 % load dB(A)	79
Average Noise level @ 7m @ 75 % load dB(A)	72