

**Ratings****50 Hz**

Ratings	kW	kVA
Prime	35.2	40.0
Standby	32.0	44.0

Engine**Prime rating**

Engine manufacturer	Yanmar
Engine model	4TNV98T
Configuration	4 Cycle; In-line; 4 Cylinder Diesel
Aspiration	Turbocharged
Gross engine power output, kWm	37.9
Bore, mm	98
Stroke, mm	110
Rated speed, rpm	1500
Compression ratio	0.750694444
Lube oil capacity, L	11.5
Governor type	ECU
Starting voltage	12 Volts DC
Emission Level Compliance	EU Stage IIIA

Alternator

Alternator Manufacturer	Leroy Somer
Alternator Model	42.3S5
Rating continuous (50 Hz - kVA)	40
Excitation system STD/OPT	AREP-D350
Impregnation	Heavy Duty Impregnation (HDI2)
IP rating	23

Fuel Tank

Standard tank capacity (L)	177
Standard tank autonomy @ 75 % load - Prime (Hours)	18.5
Extended tank capacity (L)	358
Extended tank autonomy @ 75 % load - Prime (Hours)	41

Fuel Consumption

Prime 0% L/h	2
Prime 50% L/h	5
Prime 75% L/h	7
Prime 100% L/h	10

G40 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	63

Control Panel

Brand	Deep Sea Electronics
Reference	4510

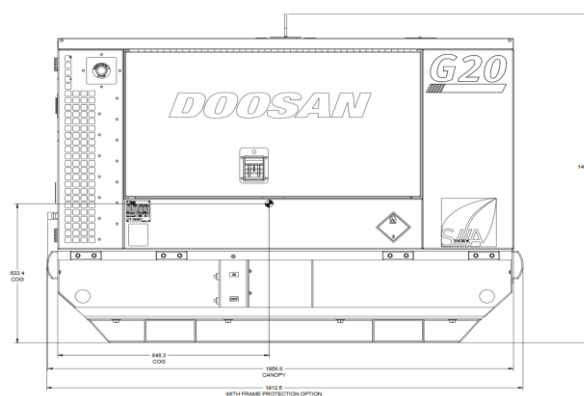
Cooling

Fan load, KW _m	0
Coolant capacity (with radiator), L	11.5
Cooling system air flow, m3/sec @ 12.7mmH2O	0
Limited Ambient Temperature	54

Weights*

	Standard fuel tank	Extended fuel tank
Unit dry weight kgs	1265	1300
Unit wet weight kgs	1410	1570

* Weights represent a set with standard features.



Dimensions

	Length	Width	Height
Standard dimensions (without option)	2560	970	1570
Rubber protection option	2650	1070	
Extended fuel tank			1740
	Inside dist	Outside dist	Height
Forklift pockets (mm)	723	1107	92

Noise

Measured LWA	87
Average Noise level @ 1m @ 75 % load dB(A)	71
Average Noise level @ 7m @ 75 % load dB(A)	61