

**Ratings**

Frequency	50 Hz
Prime rating power (kW)	15.0
Prime rating power (kVA)	19.0
Stand by power (kW)	15.0
Stand by power (kVA)	19.0

**Engine**

Manufacturer	Yanmar
Model	4TNV88
Configuration	4 Cycle; In-line; 4 Cylinder Diesel
Aspiration	Naturally Aspirated
Gross engine power output	18.0 kW
Bore	88.0 mm
Stroke	90.0 mm
Rated speed	1500.0 RPM
Compression ratio	20:1
Lube oil capacity	74.00 L
Governor type	Mechanical
Starting voltage	12 Volts DC
Emission Level Compliance	EU Stage V

**Alternator**

Alternator Manufacturer	Leroy Somer
Alternator Model	TAL 040 F
Rating continuous ( 50 Hz - kVA)	19.0
Excitation system STD/OPT	Shunt - R120 /AREP - R150
Impregnation	Heavy Duty Impregnation ( HDI2)
IP rating	23.0

**Fuel Tank**

Extended tank capacity	181.00 L
Extended tank autonomy @ 75 % load - Prime	47 Hours

**Electrical**

Battery type	1x12V
Battery Capacity	60.0
Battery Cold Cranking	600 A
Main circuit breaker - Brand	Schneider
Main circuit breaker - Type	Manual 4P
Main circuit breaker - Amps	32.0

**Cooling**

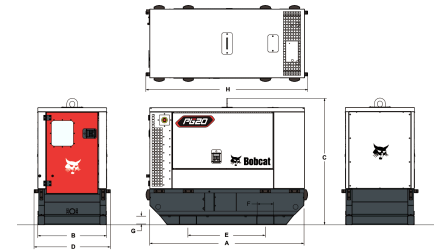
Coolant capacity (with radiator)	27.00 L
Limited Ambient Temperature	45.0

**Weights**

Unit dry weight - Extended fuel tank	861 kg
Unit wet weight - Extended fuel tank	1003 kg

**Noise**

Measured LWA	89.0
Average Noise level @ 1m @ 75 % load	73 dB(A)
Average Noise level @ 7m @ 75 % load	63 dB(A)

**Dimensions**


(A)	1869.0 mm	(D)	1495.0 mm
(A*)	1913.0 mm	(E)	915.0 mm
(B)	813.0 mm	(F)	1109.0 mm
(B*)	903.0 mm	(G)	93.0 mm
(C)	1495.0 mm		

**Fuel Consumption**

Prime 0%	1.29 L/h
Prime 50%	2.80 L/h
Prime 75%	3.88 L/h
Prime 100%	5.20 L/h

**Control Panel**

Brand	Deep Sea Electronics
Reference	4510
Brand - OPT	COMAP
Reference - OPT	MRS16