

Ratings

Frequency	50 Hz
Alternator	400/230V
Prime rating power (kW)	40.0 kW
Prime rating power (kVA)	50.0
Stand by power (kW)	41.0 kW
Stand by power (kVA)	51.25

Engine

Manufacturer	HDI
Model	D24
Configuration	4 Cycle; In-line; 4 Cylinder Diesel
Aspiration	Turbocharged and Intercooled
Prime Net engine power output	43 kWm
Stand by Net engine power output	50.1 kWm
Bore	90.0 mm
Stroke	94.0 mm
Rated speed	1500.0
Compression ratio	19.0:1
Lube oil capacity	8.70 L
Governor type	ECU
Starting voltage	12 Volts DC
Speed regulation	+/- 0.25%
Emission Level Compliance	EU Stage V

Alternator

Alternator Manufacturer	Stamford
Alternator Model	S1L2R1
Rating continuous (50 Hz - kVA)	50.0
Voltage regulation	+/- 1%
Excitation system STD/OPT	Aux Winding-AS540
Impregnation	Heavy Duty Impregnation
IP rating	IP23

Fuel Tank

Standard tank capacity	176.00 L
Standard tank autonomy @ 75 % load - Prime	19
Extended tank capacity	386.00 L
Extended tank autonomy @ 75 % load - Prime	42

Electrical

Battery type	1x12V
Battery Capacity	72.0
Battery Cold Cranking	680 A
Main circuit breaker - Brand	Schneider
Main circuit breaker - Type	Manual 4P
Main circuit breaker - Amps	100.0

Cooling

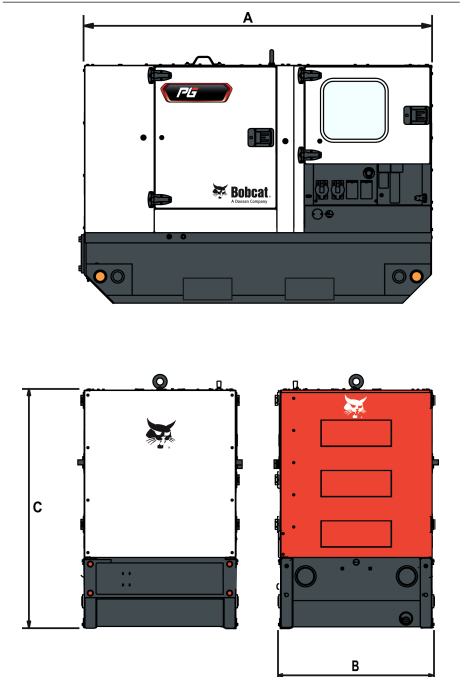
Fan load	2.5
Coolant capacity (with radiator)	10.20 L
Limited Ambient Temperature	42.0

Weights

Unit dry weight - Standard fuel tank	1231 kg
Unit dry weight - Extended fuel tank	1228 kg
Unit wet weight - Standard fuel tank	1365 kg
Unit wet weight - Extended fuel tank	1716 kg

Noise

Measured LWA	90.0
Average Noise level @ 1m @ 75 % load	71 dB(A)
Average Noise level @ 7m @ 75 % load	61 dB(A)

Dimensions


Values marked with * are measured with rubber pads.

(A)	2560.0 mm	(B*)	965.0 mm
(A*)	2205.0 mm	(C)	1576.0 mm
(B)	970.0 mm	(C*)	1740.0 mm

Fuel Consumption

Prime 0%	1.60 L/h
Prime 50%	6.60 L/h
Prime 75%	9.20 L/h
Prime 100%	11.50 L/h

Control Panel

Brand	COMAP
Reference	MRS16