

Ratings

Frequency	50 Hz
Prime rating power (kW)	88.0 kW
Prime rating power (kVA)	100.0
Stand by power (kW)	80.0 kW
Stand by power (kVA)	110.0

Engine

Manufacturer	Cummins
Model	F3.8
Configuration	4 Cycle; In-line; 4 Cylinder Diesel
Aspiration	Turbocharged
Gross engine power output	82.0 kW
Bore	102.0 mm
Stroke	115.0 mm
Rated speed	1500.0 RPM
Lube oil capacity	13.00 L
Governor type	ECU
Starting voltage	12 Volts DC
Emission Level Compliance	EU Stage V

Alternator

Alternator Manufacturer	Stamford
Alternator Model	UCI274D
Rating continuous (50 Hz - kVA)	100.0
Voltage regulation	+/- 1%
Excitation system STD/OPT	PMG - MX341/ D550
IP rating	IP23

Fuel Tank

Standard tank capacity	176.00 L
Standard tank autonomy @ 75 % load - Prime	11 hours
Extended tank capacity	386.00 L
Extended tank autonomy @ 75 % load - Prime	23,5 hours
Urea /DEF capacity	55.00 L

Electrical

Battery type	1x12V
Battery Capacity	120.0
Battery Cold Cranking	700 A
Main circuit breaker - Brand	Schneider
Main circuit breaker - Type	Manual 4P
Main circuit breaker - Amps	160.0

Cooling

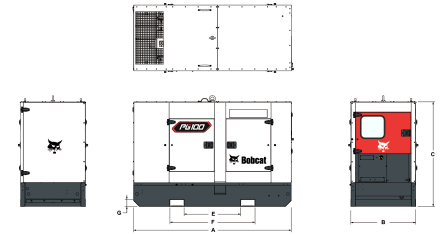
Fan load	1.8
Coolant capacity (with radiator)	23.00 L
Limited Ambient Temperature	51.0

Weights

Unit dry weight - Standard fuel tank	1895 kg
Unit dry weight - Extended fuel tank	1944 kg
Unit wet weight - Standard fuel tank	2061 kg
Unit wet weight - Extended fuel tank	2292 kg

Noise

Measured LWA	91.0
Average Noise level @ 1m @ 75 % load	74 dB(A)
Average Noise level @ 7m @ 75 % load	64 dB(A)

Dimensions


(A)	2709.0 mm	(B*)	1160.0 mm
(A*)	2759.0 mm	(C)	1999.0 mm
(B)	1120.0 mm	(C*)	1999.0 mm

Fuel Consumption

Prime 0%	2.80 L/h
Prime 50%	11.90 L/h
Prime 75%	16.50 L/h
Prime 100%	21.80 L/h

Control Panel

Brand	COMAP
Reference	MRS16
Brand - OPT	DEIF
Reference - OPT	AGC150