

SPECIFICATION



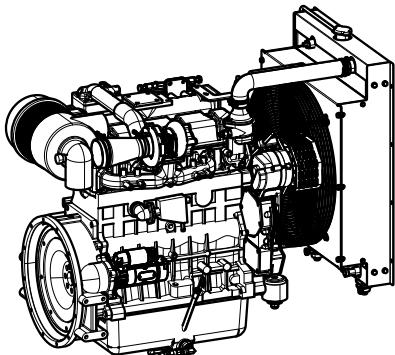
MODEL R125C RG SERIES (FOR 50Hz DIESEL GENSET)

Revision: A2 (09/22)

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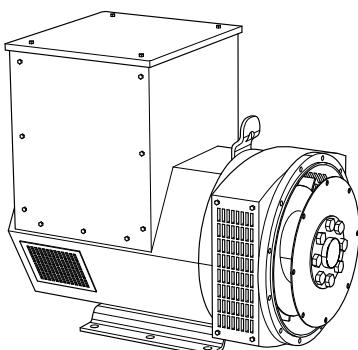


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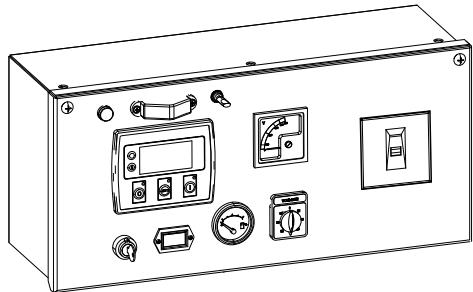
Engine Manufacturer/Brand.....	Listerpetter
Engine Model.....	VR4-4.1TG2
Dimensions L×W×H.....	815x645x820mm
Dry Weigh (approx.)	490kg
Number of Cylinders.....	4
Bore	105mm
Stroke	118mm
Displacement.....	4.1L
Compression Ratio	18.0
Type of injection.....	Direct injection
Intake System.....	Turbocharged
Intake Resistance.....	$\leq 5\text{kPa}$
Cooling System	Water cooled
Fan	Pusher
Battery Voltage	12V
Type of Fuel.....	No.2 or ASTM D975
Type of Oil	API CF/SE or CCMCF4
Oil Capacity	6.5L
Type of Coolant	Glycol mixture
Coolant Capacity	10.0L
Back Pressure	$\leq 10.1\text{kPa}$
Standby Power	65kW
Prime Power	59kW

Alternator



Alternator Manufacturer/Brand	PowerLink
Alternator Model	PL2CL
Exciter.....	Brushless
Cooling Fan	Cast alloy aluminum
Windings.....	100% copper
Insulation Class	H
Winding Pitch.....	2/3
Terminals	12
Drip Proof	IP23
Altitude.....	$\leq 1000\text{m}$
Overspeed	2250rpm
Air Flow.....	N/A
Voltage Regulation	$\pm 1.0\%$
Total Harmonic TGH / THCat no load < 1.5 % - on load < 5%	
Telephone Interference.....	THF<2%;TIF<50

PLC-920 Control System

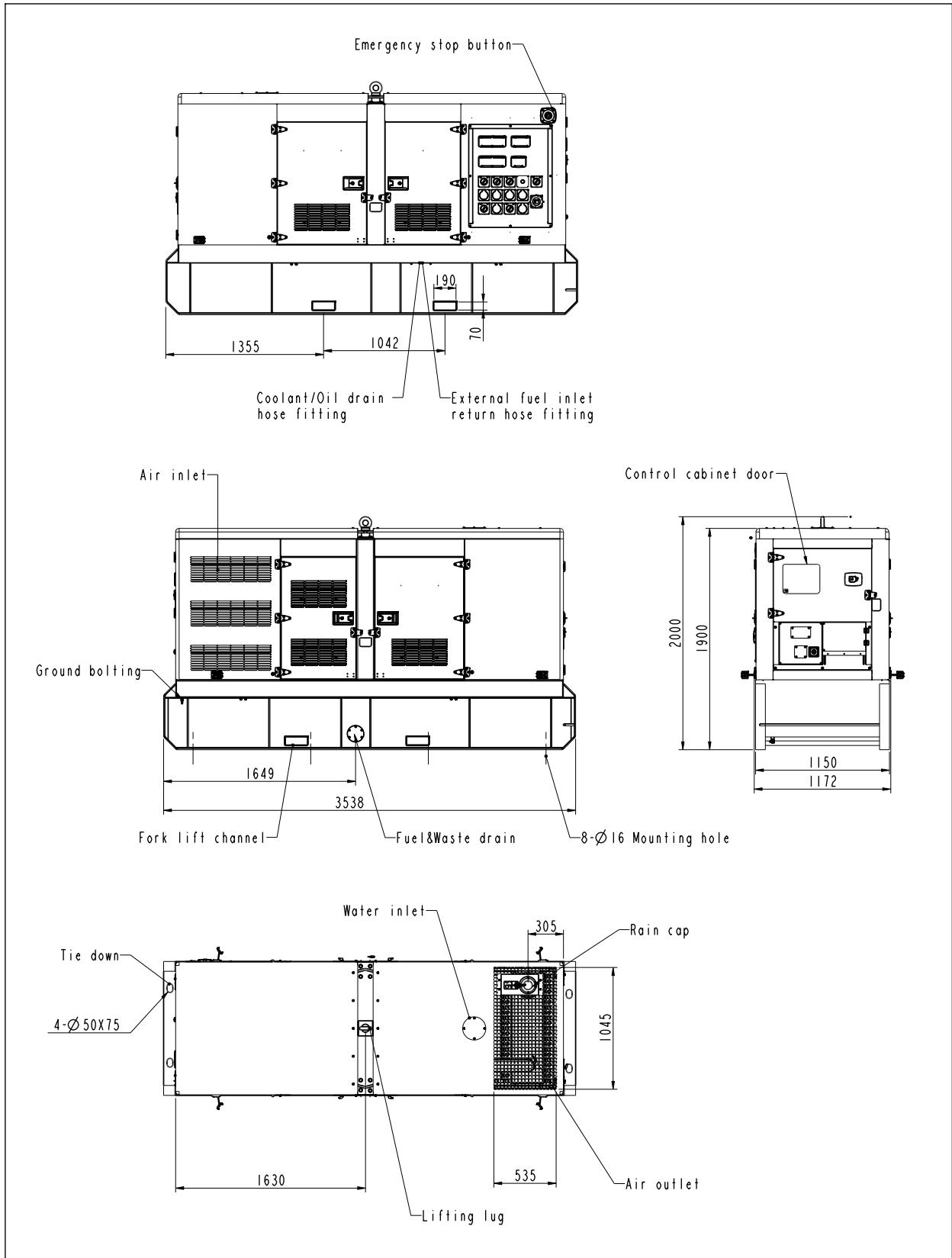


PLC-920 is an advanced control module based on microprocessor designed to control the engine via push buttons on the front panel. The module is used to start and stop the engine and indicate fault conditions, automatically shutting down the engine and giving a true first up fault condition of an engine failure.

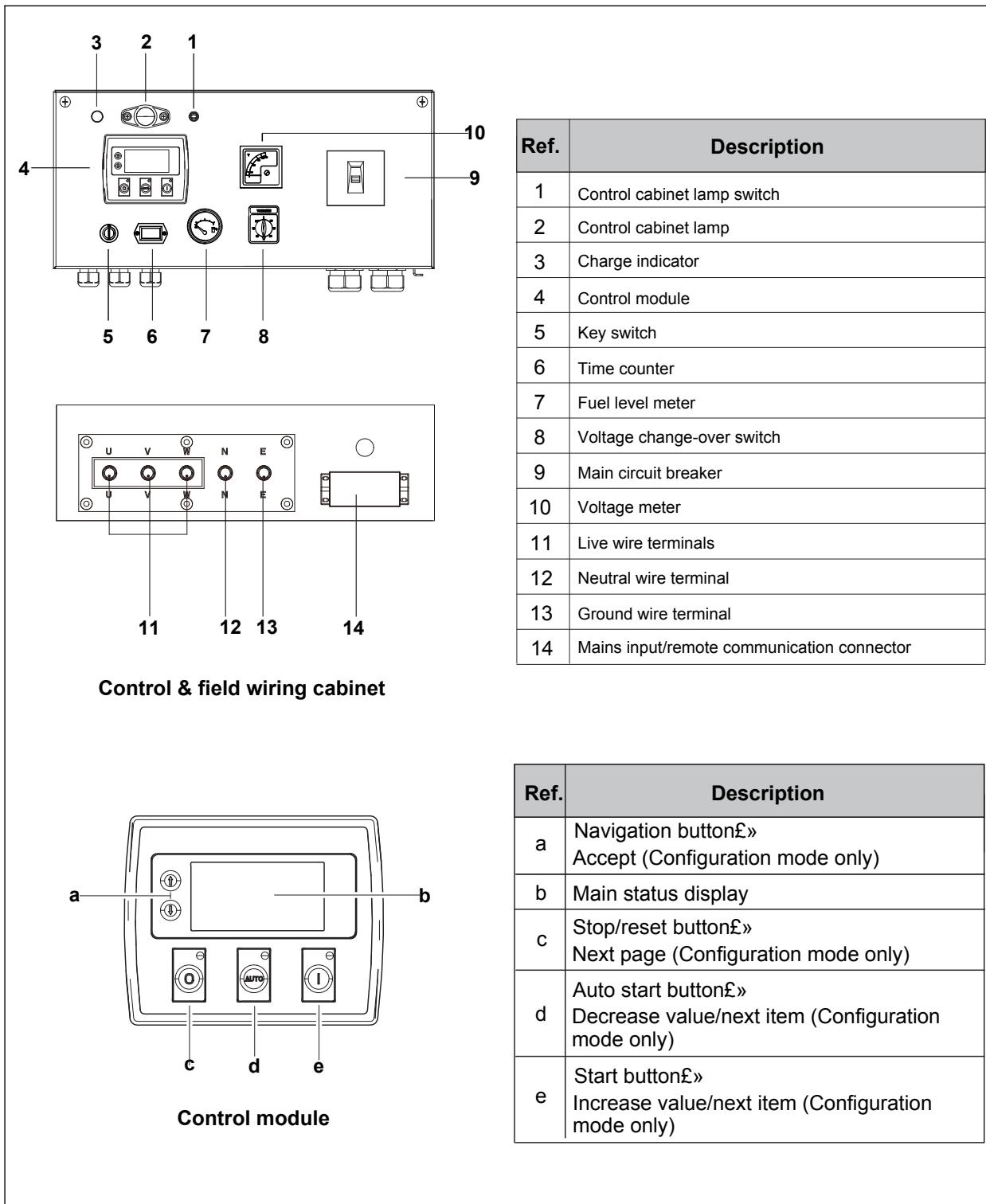
Standard Control Function

- Manual Engine Control Module
- Low Oil Pressure
- High Engine Temperature
- Auxiliary Shutdown
- Overspeed Protection
- Protection hold-off timer
- Charge Failure warning

4 Overall Dimensions



5 Control System



SPECIFICATION

VR SERIES DIESEL GENSET

VR60XS-AU

Revision: A2 (10/21)

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