

POWERED BY



LEROY-SOMER UPS

CERTIFIED BY







1250 KVA 3 PHASE

50 Hz

GENERATING SET MODEL (UPS P 1250)		
Output Ratings	Prime	Standby
380-415 V, 3 ph, 50 Hz, 1500 rpm	1250 KVA	1345 KVA
	1000 KW	1076 KW
380-415 V, 3 ph, 60 Hz, 1800 rpm	KVA	KVA
	KW	KW

ENGINE / TECHNICAL DATA

Ratings at 0.8 Power Factor

Engine Make	Cur	nmins
Engine Model	KTA50-G3 Electronic 16 60° Vee form 159 X 159 50 Turbocharged and air to water charge cooled 4 stroke Direct Injection 13.9:1 Anti-clockwise, viewed from flywheel end Water - cooled	
Governing Type		
Number of Cylinders		
Cylinder Arrangement		
Bore and Stroke mm		
Displacement / Cubic Capacity litres		
Induction System		
Cycle		
Combustion System		
Compression Ratio		
Rotation		
Cooling System		
Frequency and Engine Speed	50Hz & 1500rpm	60Hz & 1800rpm
Gross Engine Power kW (hp)	1113 (1492)	1224 (1641)
Fuel Consumption @ 50% load L/hr	139	-
@ 75% load L/hr	199	-
@ 100% load L/hr	261	-
Total Lubrication System Capacity litres	176.8	176.8
Total Coolant Capacity litres	160.9	160.9
Exhaust Temperature: °C	525	525
Fuel Tank Capacity: litres		

Winding Pitch

1250 KVA **3 PHASE**

2/3

ALTERNATOR DATA		
Make	UPS / Leroy Somer	
Model	LSA50.2 M6	
No. of bearings	1	
Insulation class	Н	
Wires	6/12	
Ingress Protection	IP23	

Overspeed	2250 mn ⁻¹
Voltage Regulation (steady)	± 0.5%

CONTROL PANEL	
Make	Deep Sea
Model	7000 SERIES

The DSE 7000 Series is an Auto Start Control Module for single genset applications. It includes a backlit LCD display which clearly shows the status of the engine all the times. This module can either be programmed using the front panel or by using the DSE configuration suite PC software.

Metering and Alarm indications:

- · Generator frequency
- · Underspeed, Overspeed
- · Generator volts (L-L, L-N)
- Generator current
- · Engine oil pressure
- · Engine coolant temperature
- Fuel level (Warning or shutdown) Optional
- · Hours run counter
- · Battery volts
- · Fail to start/stop
- · Emergency stop
- · Failed to reach loading voltage/frequency
- Charge fail
- · Loss of magnetic pick-up signal Optional
- · Low DC voltage
- · CAN diagnostics and CAN fail/error

Image for illustrative purposes only





E-mail: info@upsgenerator.com P.O.BOX: 122333 F3-18, Sharjah Airport Free Zone (SAIF ZONE) Web.: www.upsgenerator.com

STANDARD SPECIFICATIONS

50 Hz

1. ENGINE

Cummins four stroke heavy duty high performance industrial type diesel engine.

2. ENGINE FILTRATION SYSTEM

- Cartridge type dry air filter.
- Two Cartridge type fuel filters.
- Full flow lube oil filter.

All filters have replaceable elements.

3. COOLING RADIATOR

Radiator and cooling fan, complete with safety guards, designed to cool the engine at high ambient temperatures (consult your dealer for de-ration factors)

4. EXHAUST SYSTEM

Exhaust Gas flow

230 m3/min

Maximum allowable back pressure

5.0 (kPa)

5. CIRCUT BREAKER TYPE

3 pole ACB

6. ALTERNATOR

6.1 INSULATION SYSTEM

- . The insulation system is Class H.
- All windings are impregnated in either a triple dip thermosetting liquid, oil and acid resisting polyester varnish or vacuum pressure impregnated with a special polyester resin.
- Heavy coat of antitracking varnish additional protection against moisture or condensation.

6.2 AUTOMATIC VOLTAGE REGULATOR (AVR)

The fully sealed Automatic Voltage Regulator maintains the Voltage Regulation at $\pm 1\%$. Nominal adjustment by means of a trim pot incorporated on the AVR.

7. MOUNTING ARRANGEMENT

7 1 COUPLING

The Engine and Alternator are directly coupled by means of an SAE flange. The Engine flywheel is flexibly coupled to the Alternator rotor.

7.2 ANTI-VIBRATION MOUNTING PADS

Anti-Vibration pads are affixed between the Engine / Alternator feet and the Baseframe thus ensuring complete vibration isolation of the rotating assembly.

7.3 SAFETY GUARDS

The Fan & Fan Drive along with the Battery Charging Alternator are Safety Guard protected for personnel protection.

60 Hz

1250 KVA 3 PHASE

8. FACTORY TEST

- · The Generating set is load tested before dispatch
- All protective devices control functions and site load conditions are simulated. The generator and it's systems are checked before dispatch.

9. EQUIPMENT FINISHING

All mild steel components are fully degreased and painted with powder coated paint to ensure maximum scuff resistance and durability.

10. DOCUMENTATION

Operation & Maintenance manual, Circuit wiring diagrams and Commissioning / Fault Finding instruction leaflets are accompanied with the Generator.

11. QUALITY STANDARDS

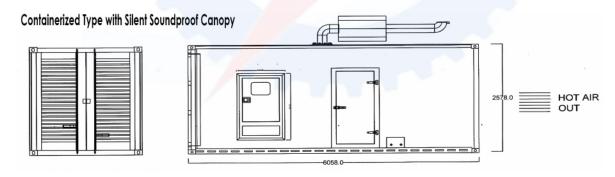
The equipment meets the following standards: BS4999, BS5000, BS5514 IEC 60034, VDE0530, NEMA MG 1.22 and ISO 8528.

12. WARRANTY

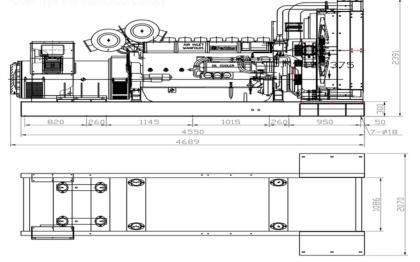
All of the Generating Sets are covered under a warranty policy for a period of 12 months or 1000 working hours, Warranty of the equipment is in line with manufacturers warranty terms & conditions. (check warranty statement for more details, as it may vary for different countries)

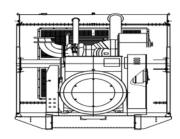
In line with continuous product development, we reserve the right to change specifications without notice.

STANDARD GENERATOR DIMENSION AND WEIGHT



Open Type (without Soundproof Canopy)





E-mail: info@upsgenerator.com Web.: www.upsgenerator.com

Tel: +971 6 5570722 Fax: +971 6 5570733

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