

POWER YOUR FUTURE

Ricardo Generator ECO125

Prime Power: 125KVA

Standby Power: 138KVA



GENERATING POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.
Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.

SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

Ricardo Series

Technical Data

Model		LG125
Rated prime power	kva	125
Rated standard power	kva	138
Rated voltage line to line	V	400/230
Rated current	A	180
Maximun sound level	dB(@7m)	≤85

Alternator		
Model	Javac	100 kw
	STAMFORD	UCI274D
Phase		3
Voltage	V	400/230
Wiring Type		3 Phase 4 wire, Y type

Engine-Ricardo

Model	ricardo	oem (BR)
Air intake system	Turbo, Inter-cooled	
Fuel injection system	Direct Inject	
No. cylinders	6	
Displacement	Liquid	6..49
Bore*Stroke	mm	105*130
Compression ratio	16	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	110
Governor type	Mechanical	
Start Motor	V	24

Exhaust System

Exhaust gas flow	m³/min	/
Exhaust gas temp	°C	/
Max back pressure	kPa	10

Air Intake System

Max intake restriction	kPa	/
Consumption	m³/min	/
Air flow	m³/min	/

Fuel System

100% load(Prime power)	L/h	12,7
75% load(Prime power)	L/h	9,03
50% load(Prime power)	L/h	6,5
Fuel tank capacity	L	150

Lubrication System

Total system oil capacity	L	17
Oil consumption	g/kwh	≤4
Min oil pressure	MPa	0.3-0.5
(continuous operation)		

Cooling System

Total coolant capacity	L	32
Thermostat	°C	85-92
Max top tank temperature	°C	104

Standard Features

- Engine(Ricardo)
- Radiator 50°C max,fans are driven by be
- 24V charge alternator
- Alternator: single bearing alternator IP23,
- insulation class H/H
- Standard auto control system
- One set of air filter, fuel filter, oil filter
- Main line circuit breaker/MCCB

Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	125
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller-DEESEA

Model	DSE6120
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Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure

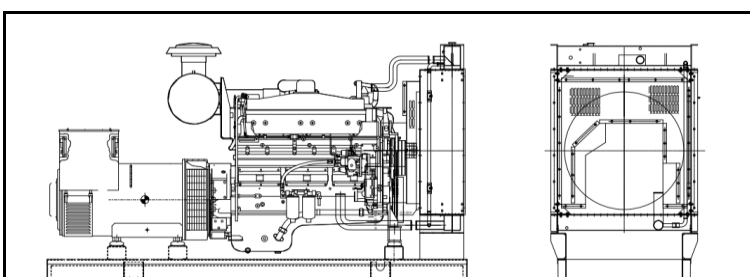


Control Module Options



- Auto generator control module
- Control module with " Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Unit Dimensions(Basic unit)



- Base fuel tank
- Two 12V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler)
- User manual

Options

- Battery charge
 - Engine heater
 - Alternator heater
 - PMG
 - Water oil separator
 - Daily fuel tank
 - Remote control panel
 - Automatic transfer switch/ATS
 - Switch box
- Standard: ●
 Options:○


Warranty*

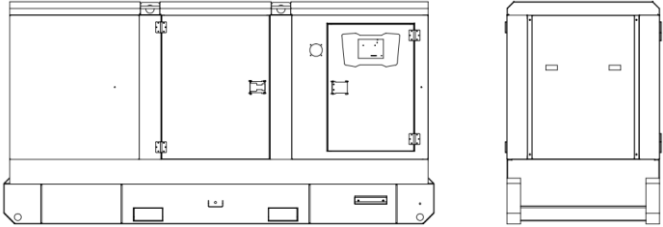
Ricardo Engine

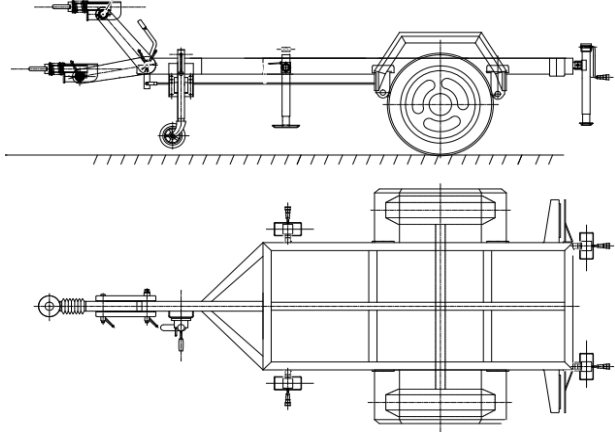
12 months from date of purchase and 1000 hours.

Generator

12 months from date of purchase or 1000 hours (whichever occurs first).

		
Open Type		
L*W*H	mm	2250*900*1450
Weight	kg	1230

		
Silent Type		
L*W*H	mm	3120*1050*1550
Weight	kg	1630

		
Trailer Option		
L*W*H	mm	4400*1900*950
Max loading weight	kg	1800