

POWER YOUR FUTURE

Javac Generator 125 KVA

Prime Power: 125 KVA

Standby Power: 137.5 KVA



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.

OEM Steyr Motor (Powered by Kofo)

Technical Data

Model	ECO125	Alternator		
Rated prime power	kva	125 KVA	Model	Javac 100kw
Rated standard power	kva	137.5 KVA		
Rated voltage line to line	V	400/230	Phase	3

Rated current	A	180,4	Voltage	V	400/230
Maximun sound level	dB(@7m)	≤75	Wiring Type	3 Phase 4 wire, Y type	
			Bearing	1	

Engine

Model	R6105AZLDS	
Air intake system	intercooling turbo	
Fuel injection system	Direct Inject	
No. cylinders	6	
Displacement	Liquid	6,75
Bore*Stroke	mm	105*130
Compression ratio	17:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	121
Governor type	Mechanical	
Start Motor	V	24

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-DEEPSEA

- Model DSE4620
- Protective functions:
- Low oil pressure
 - High water temperature
 - High/low voltage
 - High Engine Temperature and Overspeed.
 - Voltage regulator frequency regulator
 - Emergency stop
 - Start failure

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	27,25
75% load(Prime power)	L/h	20,4
50% load(Prime power)	L/h	13,6
Fuel tank capacity	L	280



Lubrication System

Total system oil capacity	L	17
Oil consumption	g/kwh	≤1.63
Min oil pressure	MPa	0.3-0.5

(continuous operation)

Control Module Options



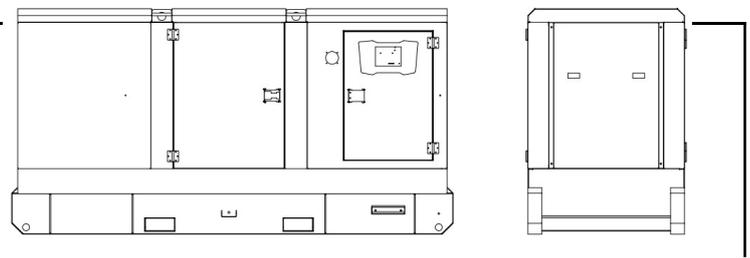
- Auto generator control module
- Control module with " Three Remote Control " functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Coolant system

Total coolant capacity	L	11
Thermostat	°C	76-90
Max top tank temperature	°C	101

Standard Features

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

Silent Type		
L*W*H	mm	2860*1100*1500
Weight	kg	1680

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*

Steyr OEM Engine (Powered by Kofo)

12 months from date of purchase and 1000 hours.

Generator

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

