

• Displays:

Engine: engine speed; oil pressure; coolant temperature; running time; battery voltage; maintenance data.

Alternator: voltage (L – L, L – N); current (L1 – L2 – L3); frequency; kW; Pf; kVAr; kWh, kVAh, kVarh; phase sequence.

Main network: voltage (L – L, L – N); frequency, mains ready; mains off; generator set ready, generator set disconnected, active power kW, apparent power kVA, reactive power kVA r, power factor, phase sequence.

♦ **Static battery charger:** Made with TSD technology, with high efficiency. Protected for short-circuit currents, it can be used as a current source, input voltage 196-264 V, output voltage 27.6 V / 5A or 13.8 V / 5A.

♦ Standards:

Electrical safety / EMC, BS EN 60950; BS EN 60950 – 6 – 2 EMC; BS EN 61000 – 6 – 4 EMC.

• **Warning:** battery faulty charging, low battery voltage, fail to stop, low fuel level, overload, phase reversing, speed sensor failure.

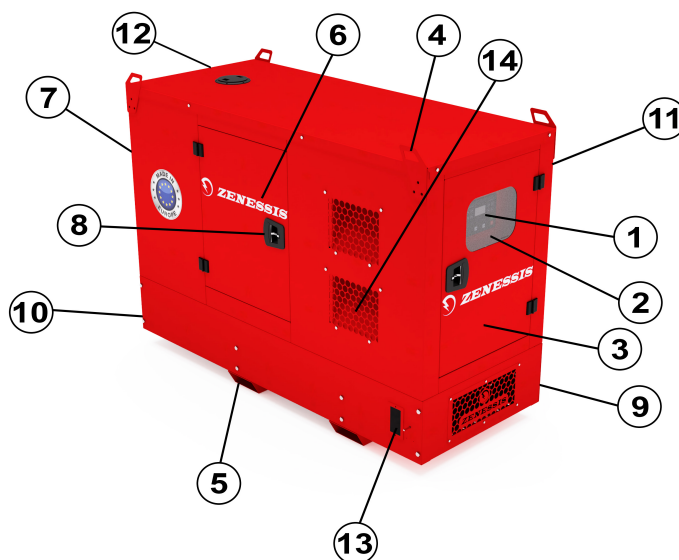
• **Alarms:** low oil pressure, high engine temperature, under / over voltage, under / overfrequency, under / overvoltage, ECU fault -optional.

• **Status displays:** missed start, emergency stop, low oil pressure, high engine temperature, under / overspeed, under / overfrequency, under / overvoltage, oil sensor, phase rotation, overload, overcurrent group, phase reversal.

4. HOUSING

Made of galvanized steel, painted in electrostatic field, soundproofed. It is modularly designed with in-door access doors on all sides of the generator. The exhaust pan is residential type, mounted inside the casing. The carcasses are designed to optimize the cooling of the engine and alternator assembly, and can be mounted outdoors, providing protection against weathering and low noise levels.

1. Command module
2. View window
3. Access door for control module
4. Points for crane lifting (optional)
5. Spaces for handling with the forklift
6. Engine and alternator access door
7. Hot air outlet grills
8. Handles provided with locks
9. Fuel supply bus (optional)
10. Chassis with system for manipulation with forklift
11. Emergency button
12. Exhaust Gas Valve
13. Cable access space
14. Air intake grills



5. DIMENSIONS & WEIGHT

Opened generator sizes & weight	
Sizes (length x width x height) (mm)	1966 x 816 x 1515
Weight (kg)	550
Fuel tank capacity (liters)	50
Noise level (from distance of 7m)	82 db
Closed generator sizes & weight	
Sizes (length x width x height) (mm)	1966 x 816 x 1380
Weight (kg)	700
Fuel tank capacity (liters)	50
Noise level (from distance of 7m)	70 db

6. STANDARD FEATURES

Control & comand panel with indicators and measuring devices, IP 54 protection



Thermostatic heater for cooling liquid



Stating charger for charger



Oversized starting battery



Dinamic alternator for battery charging



Emergency stop button



Chassis with fuel tank dimensioned for an 8 hour autonomy



Metal hinges



Vibration dampers



Access doors provided with locks



Device for measuring fuel level



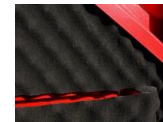
System for manipulation with crane or forklift



Electric lines protected by tubing and seal



Fireproof antiphonic pillow



Residential exhaust pipe



7. OPTIONAL FEATURES

Anti-condensation embedding system for electric panels



Liquid retention tray



Heating system for fuel/ oil



Liquid leak detection sensor



Circulation pump for heating cooling liquid



Exterior fuel filler cap with lock



Oil evacuation pump



Fire extinguisher with internal housing support



Motorized AAR, patented invention ENDRESS-Patent OSIM 00048/2015



Super soundproof housing



3/4 poles differential protection



Sockets 400V/ 230V



Intake air heating spark plug



Fuel filter with water detection



Grounding electrodes



Bypass panel-patented invention ENDRESS-Patent OSIM 00010/ 2012



Fuel transfer automatic pump



Auto trailer



Mobile distribution panel with 4 sockets



Remote control start



Cable reel



Lack of grounding protection



Fire detector with automatic shutdown generator set



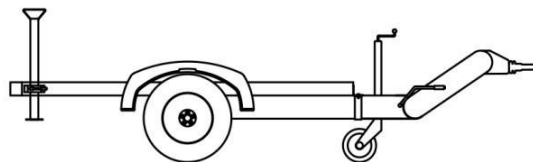
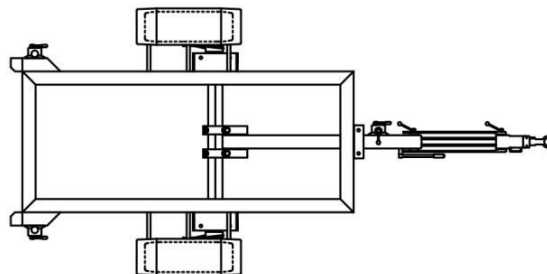
Interior lighting with switches operated at door opening



Fire extinguishing system with inert gas



Optional: RAR homologated auto trailer Model: EGR 1000



**Created in Germany – Assembled in Romania
Warranty: 24 months or 3000 operating hours**

ENDRESS PRODUCTS ARE IN A CONTINUOUS DEVELOPMENT AND IMPROVEMENT PROCESS. FOR THIS REASON, ENDRESS ZENESSIS GROUP PRESERVES THE RIGHT TO MODIFY THE INFORMATION FOUND IN THESE LEAFLETS WITHOUT PRIOR NOTIFICATION