





Product:
ZEN 330 TIA



-  Liquid cooling
-  50 Hz
-  Three-phase
-  Diesel



DIESEL GENERATOR ZEN 330 TIA	STANDBY POWER (ESP)	PRIME POWER (PRP)
Power (kVA)	330	297
Power (kW)	264	237
Speed (rpm)	1500	
Voltage (V)	400 / 230	
Power factor (cos phi)	0,8	
Amperage (Amp)	430	

Endress Zenessis Group S.R.L. certifications:
ISO 9001: 2008, ISO 14001: 2005, ISO 18001 : 2008.

ZENESSIS generators are CE compliant, and are tested according to the EU legislation on noise levels 2000/14 / EC.

Reference ambient conditions: 1000 mbar; 25° C; 30% relative humidity; power according to ISO 3046 / ISO 8528 standards.

Prime power (PRP) – ISO 8528

Prime power (PRP) – represents the continuous power a generator is able to provide continuously while supplying a variable electrical load when operating for an unlimited number of hours per year, under the agreed operating conditions, maintenance intervals and procedures being performed as prescribed by the manufacturer.

Standby Power (ESP) – ISO 8528

Standby Power (ESP) is the maximum power available at a variable load, under the operating conditions provided, that a generator is able to provide in case of power failure or under test conditions, maintenance intervals and procedures being performed as prescribed by the manufacturer.

Endress Zenessis Group S.R.L.

Offices:

Bucharest: km 16 A1 – Ciorogarla, Sos. Bucuresti, Nr. 108
D38486 Apenburg - Winterfeld, In Altensalzwedel 49

Production:

Romania, Bocsa, jud. Caras – Severin, Str. Medresului, Nr. 17, 325300

◆ Control panel standard specifications:

The command and control panel is mounted inside the casing, in a metal box with IP 54, equipped with a viewing glass, equipped with:

- ComAp AMF 25 command module
- Static battery charger
- Emergency stop button & circuit breaker fuses
- Overcurrent differential protection
- Protection relays

Configuration:

1. ComAp AMF 25 command module
2. Circuit Breaker protection
3. Locks
4. Alarm
5. START button ON/OFF
6. Hinges
7. Maintenance schedule
8. Metal box

◆ Command module standard specifications:

- Microprocessor control
- 132 x 64 pixel LCD display
- Programming on front panel as well as through PC software
- Control buttons and soft touch navigation
- Remote communication via USB or with optional modules via RS232, RS485, Ethernet or SMS
- Store 350 events with date and time
- Maintenance programming 3 levels
- Engine heater control – Optional

• 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; kVA; kWh, kVAh, kVarh; phase sequence.

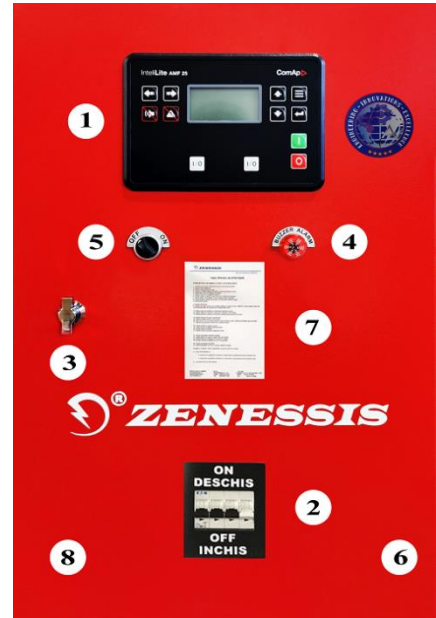
Main network: voltage (L – L, L – N); frequency, mains ready; mains off; generator set ready, generator set disconnected, active power kW, apparent power kVA, reactive power kVA r, power factor, phase sequence.

- **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.

◆ **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.



Chassis with fuel tank dimensioned for an 8 hour autonomy with retention tray



Protective pads



Vibration dampers



Metal hinges



Device for measuring fuel level



Access doors provided with locks



Electric lines protected by tubing and seal



System for manipulation with crane or forklift



Residential exhaust pipe



Fireproof antiphonic pillow



7. OPTIONAL FEATURES

Anti-condensation embedding system for electric panels



Retention tray with oil tank



Heating system for fuel/ oil



Liquid leak detection sensor



Circulation pump for heating cooling liquid



Remote monitoring & control system



Oil evacuation pump



Exterior fuel filler cap with lock



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



Pocket system integrated in the chassis for lifting with forklift



AAR Transfer panel for 3/4 poles



Fire extinguisher with internal housing support



3/4 poles differential protection



Super soundproof housing



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

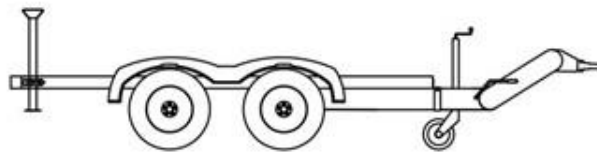
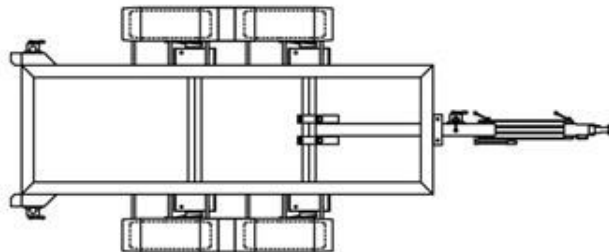


Fire extinguishing system with inert gas



Optional: RAR homologated auto trailer

Model: EGR 6000 R



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

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