

MOSA

Электростанции GE 225 VPSX EAS - GE 225 VPMSX EAS



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Единый адрес для всех регионов: mzs@nt-rt.ru || www.mosa.nt-rt.ru

GENERATING SET

GE 225 VPSX EAS - GE 225 VPMSX EAS

- VOLVO PENTA water cooled diesel engine - 1500 rpm
- Electronic governor
- Control panel unit "GECO" with the following features :
 - automatic main failure (AMF) logic
 - engine protection
 - control of main electric and engine parameters
 - large lightback display – multilanguage messages
 - back-up memory of the last 255 events
 - remote communication via RS232 port
- GE 225 VPSX – STAMFORD three-phase synchronous alternator
- GE 225 VPMSX – MARELLI three-phase synchronous alternator
- Four pole circuit breaker
- Oil drain pump
- Central lifting eye
- Ready for connection to load transfer switch (ATS)
- Meets EC directives for safety and noise level



Standard Equipment



Diesel engine



Water cooling



Battery 24V (2x12V)



Synchronous alternator



Automatic Voltage Regulator



Circuit Breaker



Terminal block



Emergency stop button



Siren



Central lifting eye



Ready for PAC

GECO

Alarms: high water temperature – low oil pressure – low level water – overspeed – low level fuel – fail to start – battery charge damage low/ high battery voltage– unexpected stop – under/over generator frequency – under/over generator voltage – asymmetry generator voltage generator and main sequence phase error - maintenance request.

Controls: water temperature gauge - oil pressure gauge - fuel level gauge - hours meter - rpm meter - number of start attempts - remaining time until maintenance due. battery voltage – generator and main voltage: N-L1; N-L2; N-L3; L1-L2; L2-L3; L3-L1 – generator current: L1; L2; L3– generator and main frequency cosφ: L1, L2, L3, average - generator power: kVA, kW, kVAR L1, L2, L3, total – energy counter

Factory installation options



- 50/60 Hz Selector
- ELR-Earth Leakage Relay (GFI)
- Volt and Hz adjustable from control panel
- Permanent Magnet Generator
- Water heater WH
- Remote control by PC : via RS232 port (15m max.) - via RS485 port - via modem - via GSM modem - via GPRS - via Ethernet
- Noise reduction baffles
- Automatic fuel transfer pump
- 3-way valve fuel system with quick connection for external fuel tank feeding
- Fuel tank 120l
- Foot container kit
- Wheels container kit

Options on request



- Load transfer switch PAC 200 MTE
- Earthing kit

Technical Data

GE 225 VPSX EAS

GE 225 VPMSX EAS

A.C GENERATION – 50 Hz

* Stand-by single-phase power

* P.R.P. single-phase power

cos φ

Insulation class

* Output powers according to ISO 8528-1

Three-phase synchronous alternator, self-excited, self-regulated, brushless

230 kVA (184 kW) / 400 V / 332 A

205 kVA (164 kW) / 400 V / 296 A

0.8

H

230 kVA (184 kW) / 400 V / 332 A

205 kVA (164 kW) / 400 V / 296 A

ENGINE

4-stroke diesel, turbocharged-air to air charge cooled , direct injection, water cooled

Model

VOLVO PENTA TAD733GE

* Stand-By net power

197 kW (268 HP)

* P.R.P. net power

177 kW (240 HP)

Cylinders/ Displacement

6/ 7.15 l (7150 cm³)

Speed

1500 rpm

Fuel consumption (75% of P.R.P.)

34.5 l/h

* Powers according to ISO 3046-1

GENERAL SPECIFICATION

Tank capacity

250 l

Running time (75% of P.R.P.)

7.2 h

IP protection degree

IP 44

*Dimensions LxWxh (mm)

4000x1300x2000

*Dry weight

2900 kg

2850 kg

**Measured acoustic power LwA (pressure LpA)

95 dB(A) (70 dB(A) @ 7 m)

**Guaranteed acoustic power LwA (pressure LpA)

96 dB(A) (71 dB(A) @ 7 m)

* Dimensions and weight without trolley/trailer. **Acoustic power according to European Directive 2000/14/EC

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