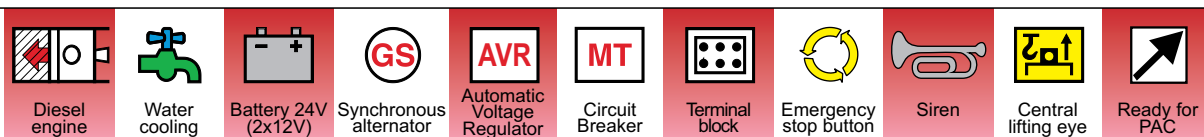


GENERATING SET GE 225 VPSX EAS - GE 225 VPMSX EAS

- 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



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

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

* Stand-by single-phase power

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

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

* P.R.P. single-phase power

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

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

Cos φ

0.8

Insulation class

H

* Output powers according to ISO 8528-1

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

Mosa reserves the right to change this specification without notice. For further information please contact the sales department