

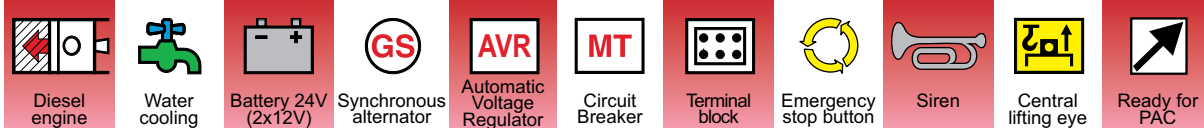
GENERATING SET

GE 275 VPSX - GE 275 VPSX EAS GE 275 VPMSX - GE 275 VPMSX EAS

- VOLVO PENTA water cooled diesel engine - 1500 rpm
- Common-rail engine with electronic governor
- Control panel unit "GECO" with the following features :
 - automatic main failure (AMF) logic (EAS ONLY)
 - 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 275 VPSX – STAMFORD three-phase synchronous alternator
- GE 275 VPMSX – MARELLI three-phase synchronous alternator
- Four pole circuit breaker
- Oil drain pump
- Central lifting eye
- Ready for connection to load transfer switch (ATS, ONLY EAS)
- 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 cos φ 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 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 300 MTE
- Earthing kit

Technical Data

GE 275 VPSX / GE 275 VPSX EAS GE 275 VPMSX / GE 275 VPMSX EAS

A.C GENERATION – 50 Hz Three-phase synchronous alternator, self-excited, self-regulated, brushless

* Stand-by single-phase power	275 kVA (220 kW) / 400 V / 397 A
* P.R.P. single-phase power	250 kVA (200 kW) / 400 V / 261 A
Cos φ	0.8
Insulation class	H

* Output powers according to ISO 8528-1

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

Model	VOLVO PENTA TAD734GE
* Stand-By net power	241 kW (327 HP)
* P.R.P. net power	216 kW (240 HP)
Cylinders/ Displacement	6/ 7.15 l (7150 cm ³)
Speed	1500 rpm
Fuel consumption (75% of P.R.P.)	43.6 l/h

* Powers according to ISO 3046-1

GENERAL SPECIFICATION

Tank capacity	250 l
Running time (75% of P.R.P.)	6 h
IP protection degree	IP 44
*Dimensions LxWxh (mm)	4000x1300x2000
*Dry weight	3050 kg 3040 kg
**Measured acoustic power LwA (pressure LpA)	97 dB(A) (72 dB(A) @ 7 m)
**Guaranteed acoustic power LwA (pressure LpA)	97 dB(A) (72 dB(A) @ 7 m)

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