

GENERATING SET GE 275 VPSX

- Automatic version
- Manual version (manual version can never become automatic)
- VOLVO Penta Diesel engine-Electronic governing-EURO2
- Brushless alternator with electronic voltage regulation (AVR)
- Control panel unit "GECO" with the following features:
 - Automatic Mains Failure (AMF) logic (only automatic version)
 - Engine protection - high water temp., low oil press., overspeed, low fuel
 - More than 50 selectable alarms
 - Graphic display - water temp., oil press., fuel level, battery voltage, engine speed, phase and line voltages, currents, cos φ, power
 - Multilanguage messages
- Prepared for connection to PAC 300 load transfer switch (only automatic version)
- Central lifting eye
- Meets EEC directives



Base equipment unit											
	Diesel engine	Water cooling	Electric starter	Battery 24V (2 x 12V)	Siren	Emergency stop button	Central lifting eye	Synchronous alternator	Electronic voltage regulator	Terminal strip	Circuit Breaker
	● GFI Kit		● Heater		● REMOTE CONTROL						
	● 50/60 Hz Kit		● Fuel charging pump kit				- RS - 232	- MODEM			
	● PMG-magnet permanent kit						- RS - 485	- GSM MODEM			
	● PAC 300 (only automatic version)		● Volt adjustmen kit							● Earthing Kit MT35	

Technical data	50Hz	60Hz
A.C. GENERATION	Three-phase, synchronous alternator, self-excited, self-regulated, brushless	
* Three-phase power (stand-by)	275 kVA (220 kW) / 400 V / 397.4 A	280 kVA (224 kW) / 440 V / 368 A
* Three-phase power (P.R.P.)	250 kVA (200 kW) / 400 V / 361 A	255 kVA (204 kW) / 440 V / 335 A
Power factor (cos φ)	0.8	0.8
Insulating class	H	H
* Output according to ISO 8528-1		
ENGINE	Diesel, 4-stroke, water cooled	
Type	VOLVO PENTA TAD734GE	VOLVO PENTA TAD734GE
# Output (stand-by)	241 kW (327 HP)	247 kW (335 HP)
# Output (P.R.P.)	216 kW (293HP)	220 kW (297HP)
Speed	1500 rpm	1800 rpm
Displacement	7150 cm ³	7150 cm ³
Cylinders	6	6
Fuel consumption (3/4-4/4)	217/204 g/kWh	222/205 g/kWh
# Output according to ISO 3046/1		
GENERAL SPECIFICATIONS		
Tank capacity	250 lt	250 lt
Running time (Load 3/4-4/4)	6.5/6 h	6.5/6 h
Protection	IP 44	IP 44
Dimensions Lxwxh (mm)*	4000x1300x1950	4000x1300x1950
Weight*	3050 kg	3050 kg
Measured acustic power **	97 LWA (72 dB(A) - 7 m)	98LWA (73 dB(A) - 7 m)
Guaranteed acustic power **	97 LWA (72 dB(A) - 7 m)	-
* Dimensions and weight are inclusive of all parts without wheels and towbar ** Acustic power according to 2000/14-CE		

Noise level in compliance with directive 2000/14/EC

Values shown are nominal values. For further information please contact the sales department.