

# GENERATING SET GE 275 VPS - VPSX

- VOLVO Penta Diesel engine, water-cooled with electronic speed regulation
- Brushless alternator with electronic voltage regulation
- New control panel unit "GECO" with the following features:
  - Automatic Mains Failure (AMF) logic
  - Engine protection - high water temp., low oil press., overspeed, low fuel
  - More than 40 selectable alarms
  - Protection against short-circuits and overcurrents in the generator
  - Graphic display - water temp., oil press., fuel level, battery voltage, engine speed, phase and line voltages, currents, cos φ, power
  - Multilanguage messages: English, French, German, Italian, Spanish
- Prepared for connection to PAC 300 load transfer switch
- Central lifting eye
- Complies with all EEC safety and noise 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	
To be required with the order											
	GECO Unit	Engine shut down oil	Engine shut down temp.	Engine shut down overspeed	Fuel level gauge	Battery charge alarm	Hour counter	Overload and short circ. protection	Main, gen., battery	Main, generator	Main, generator
Options on request	● GFI Kit		● Eater Kit		● Fuel charging pump kit		● REMOTE CONTROL		● Baffles		● Earthing Kit MT35
	● PAC 300		● Volt/Hz regulators kit				- Direct connetion via RS - 232 - Connection via RS - 485		- Connection via MODEM - Connection via GSM MODEM		

Technical data	GE 275 VPS	GE 275 VPSX
<b>A.C. GENERATION</b>	50 Hz, three-phase, synchronous alternator, self-excited, self-regulated, brushless	
* Three-phase power (stand-by)	275 kVA (220 kW) / 400 V / 397.4 A	
* Three-phase power (P.R.P.)	250 kVA (200 kW) / 400 V / 361 A	
Power factor (cos φ)	0.8	
Insulating class	H	
* Output according to ISO 8528-1		
<b>ENGINE</b>	Diesel, 4-stroke, water cooled	
Type	VOLVO PENTA TAD740GE	
# Output (stand-by)	242 kW (325 HP)	
# Output (P.R.P.)	220 kW (295HP)	
Speed	1500 rpm	
Displacement	7280 cm <sup>3</sup>	
Cylinders	6	
Fuel consumption	200 g/kWh	
# Output according to ISO 3046/1		
<b>GENERAL SPECIFICATIONS</b>		
Tank capacity	250 l	
Running time (Load 75%)	6.5 h	
Protection	IP 44	
Dimensions Lxwxh (mm)*	4000x1300x1950	4000x1300x1950
Weight*850	3000 kg	3050 kg
Noise level**	96 LWA (71 dB(A) - 7 m)	93LWA (68 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar	** LWA conforms to EEC Directive 536	

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