

# GENERATING SET GE 225 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,  $\cos \varphi$ , power
  - Multilanguage messages: English, French, German, Italian, Spanish
- Prepared for connection to PAC 200 load transfer switch
- 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
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 allarm	Hour counter	Overload and short circ. protection	Main, gen., battery	Main, generator
Options on request ▶	● GFI Kit			● Heater Kit		● REMOTE CONTROL				
				● Fuel charging pump kit		- Direct connction via RS - 232		- Connection via MODEM		
	● PAC 200			● Volt/Hz regulators kit		- Connection via RS - 485		- Connection via GSM MODEM		
								● Bafflers		
								● Earthing Kit MT35		

## Technical data

### GE 225 VPS

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A.C. GENERATION		50 Hz, three-phase, synchronous alternator, self-excited, self-regulated, brushless	
* Three-phase power (stand-by)	220 kVA (176 kW) / 400 V / 317 A		
* Three-phase power (P.R.P.)	200 kVA (160 kW) / 400 V / 289 A		
Power factor (cos φ)	0.8		
Insulating class	H		
* Output according to ISO 8528-1			
ENGINE		Diesel, 4-stroke, water cooled	
Type	VOLVO PENTA TWD740GE		
# Output (stand-by)	199 kW (271 HP)		
# Output (P.R.P.)	181 kW (246 HP)		
Speed	1500 rpm		
Displacement	7280 cm <sup>3</sup>		
Cylinders	6		
Fuel consumption	203 g/kWh		
# Output according to ISO 3046/1			
GENERAL SPECIFICATIONS			
Tank capacity	250 l		
Running time (Load 75%)	7.5 h		
Protection	IP 44		
Dimensions Lxwxh (mm)*	4000x1300x1950		4000x1300x1950
Weight*	2850 kg		2900 kg
Noise level	96 LWA (71 dB(A) - 7 m)		93 LWA (68 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar			

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