

GENERATING SET

GE 355 VP Skid - S - SX

- VOLVO Penta Diesel engine, water-cooled with electronic speed regulation.
- Brushless alternator with electronic voltage regulation (AVR)
- "BRAIN" control panel unit with the following features:
 - Automatic Mains Failure with QEA logic
 - Engine protection - high water temp., low oil press., overspeed, low battery voltage etc.
 - More than 30 selectable alarms
 - Digital display - water temp., oil press., fuel level, battery voltage, engine speed, phase and line voltages, currents,
- Connection to PAC load transfer switch (with QEA logic)
- All versions can be prepared for manual or automatic operation (with QEA logic)



Base equipment unit										
	Diesel engine	Water cooling	Electric starter	Battery 24V (2 x 12V)	Emergency stop button	Synchronous alternator	Electronic voltage regulator	Fuel alarm	Overload and short circ. protection	
Factory installation										
	BRAIN Unit	Engine shut down oil	Engine shut down temp.	Engine shut down overspeed	Engine shut down battery charge	Hour counter	Main, gen., battery	Main, generator	Countdown maintenance	Remote starting
Options on request	<ul style="list-style-type: none">CE Kit (4 poles circuit breaker + G.F.I.)QEA LogicFuel level gauge with alarm					<ul style="list-style-type: none">Heater KitFuel charging pump kitLow level cooling alarm			<ul style="list-style-type: none">Semiresidential mufflerPermanent magnet (PHG) alternator	
	<ul style="list-style-type: none">PAC (load transfer switch)									

Technical data	GE 355 VP SKID	GE 355 VPS	GE 355 VPSX
A.C. GENERATION	50 Hz, three-phase, synchronous alternator, self-excited, self-regulated, brushless		
* Three-phase power (L.T.P.)	358 kVA (286 kW) / 400 V / 517 A		
* Three-phase power (P.R.P.)	326 kVA (261 kW) / 400 V / 470 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 TAD 941 GE		
# Output (L.T.P.)	308 kW		
# Output (P.R.P.)	280 kW		
Speed	1500 rpm		
Displacement	9360 cm ³		
Cylinders	6		
Fuel consumption	202 g/kWh		
# Output according to ISO 3046/1			
GENERAL SPECIFICATIONS			
Tank capacity	900 l	430 l	590 l
Running time (Load 75%)	17.5 h	8.5 h	11.5 h
Protection	IP 20	IP 44	IP 44
Dimensions Lxwxh (mm)*	3100x1300x2050	3100x1320x2400	4000x1300x2715
Weight*	3850 kg	N/A	4200 kg
Noise level	N/A	109 LWA(80 dB(A) - 7 m)	99 LWA(74 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.