

VP SERIES



250 - 630 kVA DIESEL GENERATING SETS FOR BACK-UP AND PRIMARY POWER USE



Hospitals, fire stations and rescue stations, power companies, nodal points of computer and communication networks, agriculture, construction sites, back-up power systems of industrial estates

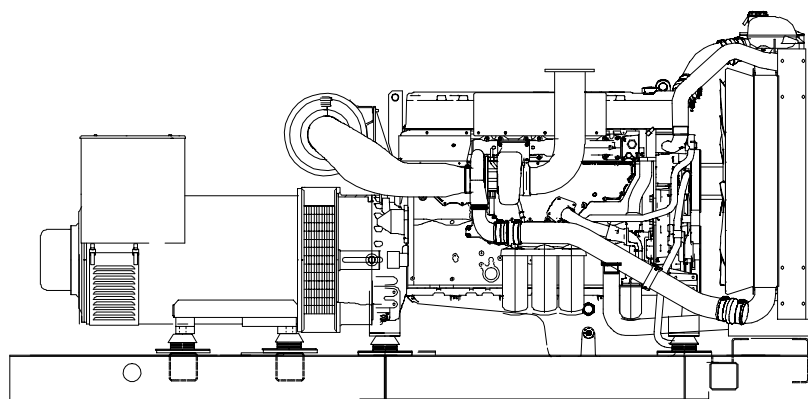
TECHNICAL SPECIFICATIONS

Model	VP 250	VP 280	VP 330	VP 400	VP 500	VP 630
PRP, kVA/kW	250/200	277/222	326/261	409/327	505/400	630/504
LTP, kVA/kW	275/220	305/244	358/287	450/360	556/445	700/560
Diesel Engine (Volvo Penta)	TAD734GE	TAD940GE	TAD941GE	TAD1242GE	TAD1641GE	TWD1643GE
Number of Cylinders	6	6	6	6	6	6
Injection System	Direct					
Engine Aspiration	CAC ¹					A2W ² , CAC ¹
Engine Revolution Speed, rpm	1500					
Fuel Consumption @ 100 % PRP, litres/h	52	58	67	83	102	126
Volume of Fuel Tank, litres	400	500	600	700	800	1000
Full Tank Operation Time@ 100% PRP, h	8	8	9	8	8	8
Volume of Cooling Liquid, litres	32	41	41	44	60	128
Volume of Engine Oil, litres	29	35	35	35	42	48
Generator (Newage Stamford)	HCI434C	HCI434D	HCI434E	HCI434F	HCI534C	HCI534F
Frequency @ 1500 rpm, Hz	50					
Power Factor, cos φ	0.8					
Voltage of Electric System, V	12 or 24					
Protection Level	IP 23					
Control System	ComAp Intel / CU 2000					
Dimensions / Open Model						
Length, mm	3500	3900	3900	4000	4100	4200
Width, mm	1000	1000	1000	1100	1300	1300
Height, mm	2000	2100	2100	2100	2100	2100
Dry Weight, kg	2800	3200	3250	3600	4400	4700
Dimensions / Weatherproof Model						
Length, mm	4000	4000	4000	4000	4000	4000
Width, mm	1400	1400	1400	1400	1400	1400
Height, mm	2050	2050	2050	2050	2250	2250
Dry Weight, kg	4300	4700	4750	5100	5900	6200
Dimensions / Container Model						
Length, mm	6058	6058	6058	6058	6058	6058
Width, mm	2438	2438	2438	2438	2438	2438
Height, mm	2591	2591	2591	2591	2591	2591
Dry Weight, kg	5220	5620	5670	6050	6900	7250

¹CAC = Charge Air Cooled, ²A2W = Air To Water

PRP - Prime Power Rating at 50 Hz, corresponding to ISO 8528 standard for continuous operation at variable load.

LTP - Limited Time Power Rating at 50 Hz, corresponding to ISO 8528 standard for standby operation in the event of a main power failure



Generators in VP series are available with single and dual bearings.

It is also possible to build customized solutions based on VP series. Find more information at our website www.genpowex.com

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