



# 250 - 440 KVA GENSET SPECIFICATIONS

MODEL			WP 275 P-1	WP 275 P	WP 330 P	WP 385 P	WP 440 P	
<b>GENERATOR</b>	Type	Direct coupling, brushless						
	Insulation	Class H						
	Frequency	Hz	50					
	Voltage	V	230 / 400					
	Phase – Wires – Power factor	3 phases – 4 wires – cosphi 0,8						
	Power	Standby	kVA	275	275	330	385	440
	Prime	kVA	250	250	300	350	400	
<b>ENGINE</b>	Engine model	<b>PERKINS</b>	<b>1306C-E87TAG6</b>	<b>1506A-E88TAG3</b>	<b>1606A-E93TAG5</b>	<b>2206C-E13TAG2</b>	<b>2206C-E13TAG3</b>	
	Type	Diesel 4 stroke						
	Aspiration and cooling	Turbocharged & air to air charge cooled		Turbocharged & air to air after cooled		Turbocharged & air to air charge cooled		Turbocharged & intercooled
	Speed governor	Electronic						
	Compression ratio	16,9 : 1		16,1 : 1		17,2 : 1		16,3 : 1
	Cylinder – Arrangement	6 – Inline		6 – Inline		6 – Inline		6 – Inline
	Bore x stroke	mm	116,6 x 135,9	112 x 149	116,6 x 146	130 x 157	130 x 157	
	Total displacement	L	8,7	8,8	9,3	12,5	12,5	
	Engine Power Output at Rated rpm	kWm	246	258	297	368,4	412,5	
		HP	330	346	398	494	552,9	
<b>FUEL SYSTEM</b>	Consumption at Full Load	L/h	55	55,5	61	75	85	
	Fuel tank capacity (Open Type / Silent Type)	L	473	473	473	526	526	
<b>LUB OIL SYSTEM</b>	Oil capacity	L	26,4	41	36	40	85	
<b>COOLANT</b>	Coolant capacity (engine only)	L	37,2	29,6	30,9	51,4	51,4	
<b>AIR INTAKE - ENGINE</b>		m3/min	--	15	19,71	26,2	27,4	
<b>EXHAUST GAS FLOW</b>		m3/min	--	40,4	47,58	71,8	75,8	
<b>CONTROL SYSTEM</b>	Type	AMF (Auto Mains Failure control module) – 12/24 VDC – MCCB output protection – CANbus system						
	Basic function	Indication: LN/LL voltage, L1/L2,L3 current, Frequency, Power (kW, kVA, kVAh, kWh, kVAh, kVAh), Rpm, Oil pressure, Coolant temperature, Hours run, Charging voltage, Battery voltage.  Shutdown with indication: Over voltage, Under voltage, Over frequency, Under frequency, Overload, Short circuit, High water temperature, Low oil pressure.						
<b>DIMENSIONS (OPEN / SILENT TYPE)</b>	Length	mm	2600 / 3648	2600 / 3648	3100 / 4517	3100 / 4517	3190 / 4517	
	Width		1250 / 1313	1250 / 1313	1400 / 1463	1400 / 1463	1400 / 1463	
	Height		1827 / 2035	1827 / 2035	1827 / 2163	2004 / 2243	2004 / 2243	
<b>DRY WEIGHT (OPEN / SILENT TYPE)</b>		Kg	1989 / 2639	2230 / 2880	2870 / 3430	3292 / 4022	3427 / 4157	

Specifications are subject to change without notice