



# 136 - 220 KVA GENSET SPECIFICATIONS

MODEL			WP 150 P-1	WP 150 P	WP 165 P	WP 200 P	WP 220 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	150	150	165	200	220
Prime		kVA	136	136	150	180	200	
Engine model		<b>PERKINS</b>	<b>1006TAG</b>	<b>1106A-70TG1</b>	<b>1106A-70TAG2</b>	<b>1106A-70TAG3</b>	<b>1106A-70TAG4</b>	
Type		Diesel 4 stroke						
Aspiration and cooling			Turbocharged air to air charge cooled	Turbocharged air to air charge cooled	Turbocharged & air charge cooled	Turbocharged & air charge cooled	Turbocharged & air charge cooled	
Speed governor			Electronic		Mechanical		Electrical	
Compression ratio			17 : 1	17 : 1	16 : 1	16 : 1	16 : 1	
Cylinder – Arrangement			6 – Inline	6 – Inline	6 – Inline	6 – Inline	6 – Inline	
Bore x stroke		mm	100 x 127	100 x 127	105 x 135	105 x 135	105 x 135	
Total displacement		L	5,99	5,99	7,01	7,01	7,01	
Engine Power Output at Rated rpm		kWm	141	141	153,6	179,8	196,3	
		HP	187,7	187,7	205,9	241	263,1	
<b>FUEL SYSTEM</b>	Consumption at Full Load		L/h	31,5	31,5	33,4	41,6	45,8
	Fuel tank capacity (Open Type / Silent Type)		L	350	350	350	350	473
<b>LUB OIL SYSTEM</b>	Oil capacity		L	19	19	16,5	16,5	16,5
<b>COOLANT</b>	Coolant capacity (engine only)		L	37,22	37,22	21	21	21
<b>AIR INTAKE - ENGINE</b>		m3/min	8,78	8,78	10,67	13,87	13,2	
<b>EXHAUST GAS FLOW</b>		m3/min	25,71	25,71	25,53	33,85	36,8	
<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, kVAr, kWh, kVAh, kVArh), 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	2300 / 3265	2300 / 3265	2300 / 3265	2351 / 3265	2600 / 3648	
	Width		1100 / 1163	1100 / 1163	1100 / 1163	1100 / 1163	1250 / 1313	
	Height		1535 / 1858	1535 / 1858	1643 / 1858	1643 / 1858	1621 / 2035	
<b>DRY WEIGHT (OPEN / SILENT TYPE)</b>		Kg	1595 / 1920	1595 / 1920	1880 / 2380	1930 / 2430	2030 / 2680	

Specifications are subject to change without notice