



65 - 110 KVA GENSET SPECIFICATIONS

MODEL			WP 72 P	WP 88 P	WP 88 P SS	WP 110 P	WP 110 P SS	
GENERATOR	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	72	88	88	110	110
Prime		kVA	65	80	80	100	100	
Engine model		PERKINS	1104A-44TG1	1104A-44TG2	1104A-44TG2	1104C-44TAG2	1104C-44TAG2	
Type		Diesel 4 stroke						
Aspiration and cooling			Turbocharged	Turbocharged	Turbocharged	Turbocharged & Intercooled		
Speed governor			Mechanical			Electronic		
Compression ratio			17,25 : 1	17,25 : 1	17,25 : 1	18,23 : 1	18,23 : 1	
Cylinder – Arrangement			4 – Inline	4 – Inline	4 – Inline	4 – Inline	4 – Inline	
Bore x stroke		mm	105 x 127	105 x 127	105 x 127	105 x 127	105 x 127	
Total displacement		L	4,4	4,4	4,4	4,4	4,4	
Engine Power Output at Rated rpm		kWm	65,6	80,7	80,7	103	103	
		HP	87,9	108,2	108,2	138,1	138,1	
FUEL SYSTEM	Consumption at Full Load		L/h	14,8	18,7	18,7	22,6	22,6
	Fuel tank capacity (Open Type / Silent Type)		L	154	154	--	195	--
LUB OIL SYSTEM	Oil capacity		L	8	8	8	8	
COOLANT	Coolant capacity (engine only)		L	13	13	13	12,6	12,6
AIR INTAKE - ENGINE		m3/min	4,2	5,14	5,14	6,27	6,27	
EXHAUST GAS FLOW		m3/min	11,4	13,3	13,3	16,3	16,3	
CONTROL SYSTEM	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.					
DIMENSIONS (OPEN / SILENT TYPE)	Length	mm	1860 / 2494	1860 / 2494	2500 (Super Silent)	2150 / 3116	2500 (Super Silent)	
	Width		900 / 963	900 / 963	1000 (Super Silent)	1000 / 1063	1000 (Super Silent)	
	Height		1285 / 1542	1285 / 1542	1540 (Super Silent)	1363 / 1715	1540 (Super Silent)	
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	970 / 1290	1015 / 1335	1500 (Super Silent)	1090 / 1510	1650 (Super Silent)	
Noise Level at FULL LOAD		dB	--	--	62,6 (Super Silent)	--	67 (Super Silent)	

Specifications are subject to change without notice