



1250 - 2500 KVA GENSET SPECIFICATIONS

MODEL			WP 1400 P	WP 1650 P	WP 1875 P	WP 2028 P	WP 2250 P	WP 2500 P	
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	1400	1650	1875	2028	2250	2500
Prime		kVA	1250	1500	1705	1844	2000	2250	
Engine model		PERKINS	4012-46TWG2A	4012-46TAG2A	4012-46TAG3A	4016-TAG1A	4016-TAG2A	4016-61TRG3	
ENGINE	Type	Diesel 4 stroke							
	Aspiration and cooling		Turbocharged	Turbocharged	Turbocharged & air to air charge cooled	Turbocharged & air to air charge cooled	Turbocharged	Turbocharged	
	Speed governor		Electronic						
	Compression ratio		13 : 1	13 : 1	13,6 : 1	13,6 : 1	13,6 : 1	13,6 : 1	
	Cylinder – Arrangement		12 V	12 V	12 V	16 V	16 V	16 V	
	Bore x stroke		mm	160 x 190	160 x 190	160 x 190	160 x 190	160 x 190	
	Total displacement		L	45,482	45,842	45,842	61,123	61,123	
	Engine Power Output at Rated rpm	kWm		1224	1459	1643	1741	1937	
		HP		1640,8	1955,8	2203	2334	2596,5	
	FUEL SYSTEM	Consumption at Full Load	L/h	259	301	370	--	434	
Fuel tank capacity (Open Type / Silent Type)		L	2200	3000	3000	3000	6000		
LUB OIL SYSTEM	Oil capacity	L	177	177	177	237,2	213		
COOLANT	Coolant capacity (engine only)	L	201	210	210	316	316		
AIR INTAKE - ENGINE		m3/min	109	120	135	--	145		
EXHAUST GAS FLOW		m3/min	180	309	350	--	387		
CONTROL SYSTEM	Type	AMF (Auto Mains Failure control module) – 12/24 VDC – ACB 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.							
DIMENSIONS (OPEN / SILENT TYPE)	Length	mm	4752 / 6058	5066 / 12192	5212 / 12192	5728 / 12192	5728 / 12192	6238 / 12192	
	Width		1868 / 2438	2200 / 2438	2074 / 2438	2775 / 2438	2775 / 2438	2590 / 2438	
	Height		2344 / 2591	2465 / 2896	2835 / 2896	3048 / 2896	3048 / 2896	2859 / 2896	
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	8400 / --	9000 / 19000	11050 / 21050	-- / --	11500 / 21500	13900 / 22000	

Specifications are subject to change without notice