

10 - 33 KVA GENSET SPECIFICATIONS

MODEL			WP 11 P	WP 14 P	WP 22 P	WP 22 P SS	WP 33 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	11	14	22	22	33
Prime		kVA	10	12,5	20	20	30	
Engine model		PERKINS	403D-11G	403D-15G	404D-22G	404A-22G / 404D-22G	1103A-33G	
ENGINE	Type	Diesel 4 stroke						
	Aspiration and cooling	Natural						
	Speed governor	Mechanical						
	Compression ratio		23 : 1	22,5 : 1	23,3 : 1	23,3 : 1	19,25 : 1	
	Cylinder – Arrangement		3 – Inline	3 – Inline	4 – Inline	4 – Inline	3 – Inline	
	Bore x stroke	mm	77 x 81	84 x 90	84 x 100	84 x 100	105 x 127	
	Total displacement	L	1,131	1,496	2,216	2,216	3,3	
Engine Power Output at Rated rpm	kWm	9,5	13,5	20,6	20,6	31		
	HP	12,7	18,1	27,6	27,6	41,6		
FUEL SYSTEM	Consumption at Full Load	L/h	2,6	3,67	5,4	5,4	7,1	
	Fuel tank capacity (Open Type / Silent Type)	L	32	32	95	--	82	
LUB OIL SYSTEM	Oil capacity	L	4,9	6	10,6	10,6	8,3	
COOLANT	Coolant capacity (engine only)	L	5,2	6	7	7	10,2	
AIR INTAKE - ENGINE		m3/min	0,7	1,1	1,45	1,45	2,16	
EXHAUST GAS FLOW		m3/min	1,8	2,9	3,94	3,94	5,8	
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	1400 / 1522	1400 / 1672	1500 / 1933	1850 (Super Silent)	1730 / 2270	
	Width		760 / 823	760 / 823	900 / 963	800 (Super Silent)	900 / 969	
	Height		923 / 1127	981 / 1127	1185 / 1213	1050 (Super Silent)	1185 / 1275	
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	307 / 430	385 / 515	655 / 885	880 (Super Silent)	750 / 960	
Noise Level at FULL LOAD		dB	--	--	--	57,5 (Super Silent)	--	

Specifications are subject to change without notice