



30 - 66 KVA GENSET SPECIFICATIONS

MODEL			WP 33 P SS	WP 50 P	WP 50 P SS	WP 66 P	WP 66 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	33	50	50	66	66
		Prime	kVA	30	45	45	60	60
Engine model		PERKINS	1103A-33G	1103A-33TG1	1103A-33TG1	1103A-33TG2	1103A-33TG2	
Type		Diesel 4 stroke						
Aspiration and cooling		Natural	Turbocharged					
Speed governor		Mechanical						
ENGINE	Compression ratio		19,25 : 1	17,25 : 1	17,25 : 1	17,25 : 1	17,25 : 1	
	Cylinder – Arrangement		3 – Inline	3 – Inline	3 – Inline	3 – Inline	3 – Inline	
	Bore x stroke	mm	105 x 127	105 x 127	105 x 127	105 x 127	105 x 127	
	Total displacement	L	3,3	3,3	3,3	3,3	3,3	
	Engine Power Output at Rated rpm	kWm	31	46,5	46,5	60,5	60,5	
		HP	41,6	62,3	62,3	81,1	81,1	
	Consumption at Full Load		L/h	7,1	10,7	10,7	13,9	13,9
FUEL SYSTEM	Fuel tank capacity (Open Type / Silent Type)		L	--	82	--	82	--
	Oil capacity		L	8,3	8,3	8,3	8,3	8,3
LUB OIL SYSTEM	Coolant capacity (engine only)		L	10,2	10,2	10,2	10,2	10,2
COOLANT	AIR INTAKE - ENGINE		m3/min	2,16	3,1	3,1	3,9	3,9
EXHAUST GAS FLOW		m3/min	5,8	7,7	7,7	10,4	10,4	
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	1900 (Super Silent)	1730 / 2270	2270 (Super Silent)	1730 / 2270	2150 (Super Silent)	
	Width		900 (Super Silent)	900 / 969	969 (Super Silent)	900 / 969	900 (Super Silent)	
	Height		1260 (Super Silent)	1185 / 1275	1275 (Super Silent)	1185 / 1275	1400 (Super Silent)	
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	1300 (Super Silent)	800 / 1010	1040 (Super Silent)	830 / 1040	1400 (Super Silent)	
Noise Level at FULL LOAD		dB	63 (Super Silent)	--	61 (Super Silent)		60,3 (Super Silent)	

Specifications are subject to change without notice