

320 - 550 KVA GENSET SPECIFICATIONS



MODEL			WP 350 C	WP 385 C	WP 440 C	WP 550 CC	WP 550 CCC	
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	350	385	440	550	550
Prime		kVA	320	350	400	500	500	
Engine model		CUMMINS	NTA855-G1B	NTA855-G2A	NTAA855G7A	QSX15-G8 (USA)	QSZ13-G3	
Type		Diesel 4 stroke						
Aspiration and cooling			Turbocharged & Aftercooled	Turbocharged & Aftercooled	Turbocharged & air to air aftercooled	Turbocharged & air to air aftercooled	Turbocharged & Intercooled	
Speed governor			Electronic	Electronic	Electronic	ECM	Electronic	
Compression ratio			14 : 1	14 : 1	14 : 1	17 : 1	17 : 1	
Cylinder – Arrangement			6 – Inline	6 – Inline	6 – Inline	6 – Inline	6 – Inline	
Bore x stroke		mm	140 x 152	140 x 152	140 x 152	137 x 169	130 x 163	
Total displacement		L	14	14	14	15	13	
Engine Power Output at Rated rpm		kWm	321	343	407	500	500	
		HP	430	460	545	670	680	
FUEL SYSTEM		Consumption at Full Load	L/h	71,4	71,9	98	103	101
		Fuel tank capacity (Open Type / Silent Type)	L	526	526	526	870	(for 8 hours operation)
LUB OIL SYSTEM	Oil capacity	L	38,6	38,6	38,6	91	45,42	
COOLANT	Coolant capacity (engine only)	L	60,6	60,6	60,6	42	23,1	
AIR INTAKE - ENGINE		m3/min	25,08	24,06	32,94	36,3	30,3	
EXHAUST GAS FLOW		m3/min	65,4	65,7	74,4	82,2	--	
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, 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	3031 / 4517	3031 / 4517	3274 / 4517	3400 / 5022	3380 / 4570	
		Width	1400 / 1463	1400 / 1463	1400 / 1463	1420 / 1652	1305 / 1540	
		Height	1978 / 2163	1978 / 2163	1991 / 2163	2115 / 2475	1950 / 2200	
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	3300 / 3860	3300 / 3860	3500 / 4060	3950 / 5090	4270 / 5670	

Specifications are subject to change without notice