

500 - 1000 KVA GENSET SPECIFICATIONS



MODEL			WP 550 C	WP 688 C	WP 825 CC	WP 880 CC	WP 1000 C	
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	550	688	825	880	1000
	Prime	kVA	500	625	750	800	920	
ENGINE	Engine model	CUMMINS	KTA19G4	KTAA19G6A	VTA28G6	QSK23-G3	KTA38-G2A	
	Type	Diesel 4 stroke						
	Aspiration and cooling		Turbocharged & Aftercooled	Turbocharged & air to air aftercooled	Turbocharged & water to air aftercooled	Turbocharged & Aftercooled	Turbocharged & Aftercooled	
	Speed governor		Electronic	Electronic	Electronic	GCS	Electronic	
	Compression ratio		13,9 : 1	13 : 1	13,1 : 1	16 : 1	14,5 : 1	
	Cylinder – Arrangement		6 – Inline	6 – Inline	12 V	6 – Inline	12 V	
	Bore x stroke	mm	159 x 159	159 x 159	140 x 152	170 x 170	159 x 159	
	Total displacement	L	18,9	18,9	28	23,15	38	
	Engine Power Output at Rated rpm	kWm	504	610	722	768	895	
		HP	675	818	968	1030	1200	
FUEL SYSTEM	Consumption at Full Load	L/h	107	155	163,6	161	194	
	Fuel tank capacity (Open Type / Silent Type)	L	600	700	850	1400	900	
LUB OIL SYSTEM	Oil capacity	L	50	50	83	103	114	
COOLANT	Coolant capacity (engine only)	L	99	127	166	95,5	237	
AIR INTAKE - ENGINE		m3/min	34,74	45	54,84	53,3	67,56	
EXHAUST GAS FLOW		m3/min	96,24	123	132,72	147,8	193,5	
CONTROL SYSTEM	Type	AMF (Auto Mains Failure control module) – 12/24 VDC – ACB / 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	3400 / 5022	3620 / 5206	4072 / 5806	4124 / 5806	4370 / 5806	
	Width		1680 / 1652	1920 / 1850	1750 / 2272	1869 / 2272	2060 / 2272	
	Height		2055 / 2475	2115 / 2453	2158 / 2554	2261 / 2554	2397 / 2554	
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	4050 / 5345	4800 / 5900	6000 / 8250	6200 / 8350	7450 / 9300	

Specifications are subject to change without notice