

# 1000 - 2250 KVA GENSET SPECIFICATIONS



MODEL			WP 1100 CC	WP 1100 C	WP 1250 C	WP 1375 C	WP 1675 C	WP 2250 CC	
<b>GENERATOR</b>	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	1100	1100	1250	1375	1675	2250
Prime		kVA	1000	1000	--	1250	1500	2000	
Engine model		CUMMINS	QST30-G4 (USA)	KTA38-G5	KTA38G9	KTA50-G3	KTA50-GS8	QSK60-G4 (UK)	
Type		Diesel 4 stroke							
Aspiration and cooling			Turbocharged & Aftercooled	Turbocharged & Aftercooled	Turbocharged & Aftercooled	Turbocharged & Aftercooled	Turbocharged & Aftercooled	Turbocharged & Aftercooled	
Speed governor			ECM	Electronic	Electronic	Electronic	Electronic	GCS	
Compression ratio			14 : 1	13,9 : 1	13,9 : 1	13,9 : 1	14,9 : 1	14,5 : 1	
Cylinder – Arrangement			12 V	12 V	12 V	16 V	16 V	16 V	
Bore x stroke		mm	140 x 165	159 x 159	159 x 159	159 x 159	159 x 159	159 x 190	
Total displacement		L	30,48	37,8	37,8	50,3	50,3	60,2	
Engine Power Output at Rated rpm		kWm	970	970	1089	1227	1429	1915	
		HP	1300	1300	1460	1645	1915	2567	
<b>FUEL SYSTEM</b>	Consumption at Full Load	L/h	202	209	247,5	261	309	394	
	Fuel tank capacity (Open Type / Silent Type)	L	950	900	1500	2200	2200	3000	
<b>LUB OIL SYSTEM</b>	Oil capacity	L	154	135	135	177	204	280	
<b>COOLANT</b>	Coolant capacity (engine only)	L	342	252	279	340	345	454	
<b>AIR INTAKE - ENGINE</b>		m3/min	60,3	72,78	78,54	104,76	99,3	144,3	
<b>EXHAUST GAS FLOW</b>		m3/min	178,8	198,36	212,4	240,66	261	336,6	
<b>CONTROL SYSTEM</b>	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, 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.							
<b>DIMENSIONS (OPEN / SILENT TYPE)</b>	Length	mm	4250 / 5806	4370 / 5806	4560 / 5806	4916 / Container	5586 / Container	5960 / Container	
	Width		1950 / 2272	2060 / 2272	1850 / 2272	1799 / Container	2100 / Container	2250 / Container	
	Height		2217 / 2554	2161 / 2554	2300 / 2554	2219 / Container	2538 / Container	2541 / Container	
<b>DRY WEIGHT (OPEN / SILENT TYPE)</b>		Kg	7100 / 9350	7600 / 9300	8600 / 10500	9850 / --	11000 / 21000	14200 / 24200	

Specifications are subject to change without notice