

# 27,5 - 150 KVA GENSET SPECIFICATIONS



MODEL			WP 30 C	WP 44 C	WP 66 C	WP 110 C	WP 150 C	
<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	30	44	66	110	150
Prime		kVA	27,5	40	60	100	135	
Engine model		<b>CUMMINS</b>	<b>4B3.9G2</b>	<b>4BT3.9G2</b>	<b>4BTA3.9G2</b>	<b>6BT5.9G2</b>	<b>6BTAA5.9G2</b>	
Type		Diesel 4 stroke						
Aspiration and cooling			Naturally aspirated	Turbocharged	Turbocharged & Intercooled	Turbocharged	Turbocharged & Intercooled	
Speed governor			Electronic	Electronic	Electronic	Electronic	Electronic	
Compression ratio			18 : 1	18 : 1	17,3 : 1	17,3 : 1	17,3 : 1	
Cylinder – Arrangement			4 – Inline	4 – Inline	4 – Inline	6 – Inline	6 – Inline	
Bore x stroke		mm	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	
Total displacement		L	3,9	3,9	3,9	5,9	5,9	
Engine Power Output at Rated rpm		kWm	27	40	55	92	130	
		HP	36	54	74	123	174	
<b>FUEL SYSTEM</b>	Consumption at Full Load		L/h	6,7	9,3	12,9	22	30
	Fuel tank capacity (Open Type / Silent Type)		L	154	154	154	195	195
<b>LUB OIL SYSTEM</b>	Oil capacity		L	10,9	10,9	10,9	16,4	16,4
<b>COOLANT</b>	Coolant capacity (engine only)		L	19,2	19,2	19,9	32,9	34,4
<b>AIR INTAKE - ENGINE</b>		m3/min	1,98	2,7	3,12	6,48	7,2	
<b>EXHAUST GAS FLOW</b>		m3/min	4,26	6,48	8,04	16,8	19,68	
<b>CONTROL SYSTEM</b>	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.					
<b>DIMENSIONS (OPEN / SILENT TYPE)</b>	Length	mm	1860 / 2494	1860 / 2494	1860 / 2494	2150 / 3116	2290 / 3316	
	Width		900 / 963	900 / 963	900 / 963	1000 / 1063	1000 / 1063	
	Height		1381 / 1542	1381 / 1542	1381 / 1542	1469 / 1715	1474 / 1715	
<b>DRY WEIGHT (OPEN / SILENT TYPE)</b>		Kg	750 / 1070	805 / 1125	960 / 1280	1280 / 1700	1360 / 1800	

Specifications are subject to change without notice