

275 - 990 KVA GENSET SPECIFICATIONS

MODEL			WP 303 MTU	WP 550 MTU	WP 715 MTU	WP 863 MTU	WP 990 MTU
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	303	550	715	863
Prime		kVA	275	500	650	785	900
Engine model		MTU	6R1600G10F	10V1600G20F	12V1600G20F	12V2000G65-TD	16VG2000G25-TD
ENGINE	Type		Diesel 4 stroke				
	Aspiration and cooling		Turbocharging	Turbocharged air to air intercooler			
	Speed governor		Electronic				
	Compression ratio		17,5 : 1	17,5 : 1	17,5 : 1	17,5 : 1	16 : 1
	Cylinder – Arrangement		6 – Inline	10 V	12 V	12 V	16 V
	Bore x stroke	mm	122 x 150	122 x 150	122 x 150	130 x 150	130 x 150
	Total displacement	L	10,5	17,5	21	23,8	31,84
	Revolutions	rpm	1500				
	Engine Power Output at Rated rpm	kWm	274	493	634	765	890
		HP	368	661	850	1026	1194
FUEL SYSTEM	Consumption at Full Load	L/h	--	108,4	139,7	167	190,8
	Fuel tank capacity (Open Type / Silent Type)	L	For 8 hours operation	800 / 1000	1500	800	1500
LUB OIL SYSTEM	Oil capacity	L	46	60,5	65	77	102
COOLANT	Coolant capacity (engine only)	L	75	60	72,5	164	110
CONTROL SYSTEM	Type		AMF (Auto Mains Failure control module) – 12/24 VDC – MCCB / ACB 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	3000 /	3050 / 4350	3426 / 5439	4050 / 6058	4700 / 6350
	Width		1450 /	1520 / 1877	1442 / 1981	1585 / 2438	1700 / 1850
	Height		1815 /	2075 / 2330	1958 / 2332	2150 / 2591	2350 / 2350
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	2800 /	3700 / 4700	4500 / 5850	6100 / 10250	7000 / 9500

Specifications are subject to change without notice