

1000 - 2255 KVA GENSET SPECIFICATIONS

MODEL			WP 1100 MTU	WP 1243 MTU	WP 1760 MTU	WP 1970 MTU	WP 2255 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	1100	1243	1760	1970
Prime		kVA	1000	1130	1600	1790	2050
Engine model		MTU	16V2000G65-TD	18V2000G65-TD	12V4000G23	12V4000G63	16V4000G23
ENGINE	Type		Diesel 4 stroke				
	Aspiration and cooling		Turbocharged air to air intercooler				
	Speed governor		Electronic				
	Compression ratio		16 : 1	16 : 1	16,5 : 1	16,5 : 1	16,5 : 1
	Cylinder – Arrangement		16 V	18 V	12 V	12 V	16 V
	Bore x stroke	mm	130 x 150	130 x 150	170 x 210	170 x 210	170 x 210
	Total displacement	L	31,84	35,82	57,2	57,2	76,3
	Revolutions	rpm	1500				
	Engine Power Output at Rated rpm	kWm	975	1100	1575	1750	1965
		HP	1308	1475	2112	2347	2635
FUEL SYSTEM	Consumption at Full Load	L/h	209,7	240,4	319,3	361,7	410,8
	Fuel tank capacity (Open Type / Silent Type)	L	2200	2200	3000	3000	6000
LUB OIL SYSTEM	Oil capacity	L	102	130	260	260	300
COOLANT	Coolant capacity (engine only)	L	110	120	160	160	175
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	4750 / 6350	4980 / 6500	6300 / 8400	6500 / 12192	6970 / 12192
	Width		1700 / 1850	2106 / 2150	2230 / 2907	2230 / 2438	2230 / 2438
	Height		2350 / 2350	2470 / 3351	2700 / 3780	2782 / 2896	2782 / 2896
DRY WEIGHT (OPEN / SILENT TYPE)		Kg	7500 / 10700	8450 / 12000	14000 / 19500	15000 / 20500	16000 / 21500

Specifications are subject to change without notice