

MILLAT

Diesel Generating Sets (60-150 kVA)

Specifications			MPG-60	MPG-80	MPG-100	MPG-150
			60 kVA	80 kVA	100 kVA	150 kVA
ENGINE	Make		Perkins UK			
	Model		1103A-33TG2	1104A-44TG2	1104C-44TAG2	1006-TAG2
	Number of Cylinders		3 vertical in-line	4 vertical in-line	4 vertical in-line	6 vertical in-line
	Bore and stroke		105 x 127 mm	105 x 127 mm	105 x 127 mm	100 x 127 mm
	Displacement		3.3 litres	4.4 litres	4.41 litres	5.99 litres
	Aspiration		Turbo Charged			
	Cycle		4 stroke			
	combustion system		Direct Injection			
	compression ratio		17.25:1	17.25:1	18.2:1	17.0:1
	Rotation		Anti clockwise viewed from fly wheel			
	Cooling system		Water cooled			
	Total lubrication system capacity		7.9 Litres	8.0 Litres	8.0 Litres	19.0 Litres
	Total Coolant capacity		10.2 Litres	13 Litres	12.6 Litres	41 Litres
	Engine Power	bhp (net)	72.1	94.4	120.8	173.3
	Fuel Consumption (L/hr)	At standby power	15.4	20.5	24.9	45
		At prime power	13.9	18.7	22.6	41
		At 75% of prime power	10.4	14	17.1	31
		At 50% of prime power	7.2	9.7	11.2	20.4
Dimensions		Length (mm)	1049	1241	1259	1685
		Width (mm)	634	629	721	773
		Height (mm)	951	951	966	1065
ALTERNATOR	Make		Stamford (UK) / Leroy Somer (France)			
	Model		UCI224E	UCI224G	UCI274D	UCI274F
	Prime rating (kVA)		60 kVA	80 kVA	100 kVA	150 kVA
	Voltage - No. of Phases		400/220 - 3			
	Rated Current (Amps.) at 0.8 PF		86.7	115.6	144.5	216
	Rated Frequency Hz/RPM		50/1500			
	Excitation		Self excited			
	Coupling/bearings/pole		Direct/Single/4 pole			
	Voltage regulation		Self regulated $\pm 1\%$			
	Overload permissible for 1 hour in 12 hours operation		10%			
CANOPY	Dimensions	Length (mm)	2250	2400	2400	3000
		Width (mm)	1025	1100	1100	1200

OPTIONALS:

- Manual/Automatic (ATS/AMF)
- Soundproof Canopy
- Additional Diesel Tank (500 Ltrs.)
- Electronic control panels
- Yearly maintenance contract
- Repair and maintenance at customers premises
- Generator controlled through remote locations
- Complete turnkey solutions