

MILLAT GENERATING SETS

(15 - 40 kVA)

Technical Data

Specifications	MPG-25				MPG-42
	15 kVA	20 kVA	25 kVA	30 kVA	40 kVA

ALTERNATOR

Make	Leroy Somer (France)				
Prime Rating (kVA)	15	20	25	30	40
Voltage - No of phases	400/220-3	400/220-3	400/220-3	400/220-3	400/220-3
Rated Current (Amps.) at 0.8 PF	22	28	36	43	58
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%				

ENGINE

Make	Millat (Manufactured under Perkins (UK) Technology)				
Model	D3.1524			T3.1524	4.248
Capacity Litres/in ³	2.5/152.7			2.5/152.7	4.07/248
No. of Cylinders	3				4
Compression Ratio	16.5:1			15.5:1	16:1
Sump Oil Capacity Litres	6.8				7.5
Gross/Net Engine Power (hp) @ 1500 rpm	52.0			60	78
Type/Configuration	4 stroke/vertical in-line				
Aspiration	Natural			Turbo Charged	Natural
Injection	Direct				
Fuel Tank Litres	60				100

DIMENSIONS

Overall Length	mm	1800	1800	1800	1800	1900
Overall Width	mm	650	650	650	650	725
Overall Height without Silencer	mm	1225	1225	1225	1225	1560
Approximate Weight (Dry)	kg	700	860	860	860	1135

FUEL CONSUMPTION

Litres/hour	100 % Load	4.0	5.0	6.0	6.5	8.5
	75 % Load	3.5	4.0	5.2	5.5	7.0
	50 % Load	2.5	3.0	4.1	4.5	5.0

OPTIONAL EQUIPMENT

- AMF/ATS Panel
- Road Trailer
- Sound Proof Canopy
- Additional Diesel Tank (500/1000 Ltrs.

Note:

Millat products and specifications are subject to change without prior notice.