



TECHNICAL DATA

MILLAT'S DIESEL GENERATORS

MILLAT Diesel Generator Models	MPG-12.5	MPG-15	MPG-20	MPG-25	MPG-32	MPG-40T	MPG-45T	MPG-50T
Prime Power (kVA)	12.5	15	20	25	30/32	40	45	50
Stand By (kVA)	13.75	16.5	22	27.5	33	44	50	55

SPECIFICATION

Engine

Make	Millat (Manufactured Under Transfer Technology from PERKINS U.K.)							
Type	350T - 3AE				485T - 2E			
Model	0325-11NA	0325-12NA	0325-16NA	0325-20NA	0441-26NA	0441-32TC	0441-36TC	0441-40TC
No. of Cylinders	3	3	3	3	4	4	4	4
Gross Engine Power (hp)	16.25	19.50	26.01	32.51	39.01	52.02	58.52	65.03
Compression Ratio	16.5:1	16.5:1	16.5:1	16.5:1	15.3:1	15.3:1	15.3:1	15.3:1
Sum Oil Capacity (Ltrs.)	6.8	6.8	6.8	6.8	7.5	7.5	7.5	7.5
Cycle / Configuration	4 Stroke / Vertical in-line							
Aspiration	Natural					Turbo Charged		
Combustion System	Direct Injection							
Fuel Tank Capacity (Ltrs.)	90	90	90	90	100	100	100	100

Alternator

Make	Leroy Somer / Stamford / MILLAT							
Prime / Stand By	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime
Voltage-No. of Phases	400 / 230-3							
Rated Current (Amps.) at 0.8 PF / Phase	18	22	29	36	43	58	64.8	72
Rated Frequency Hz/rpm	50 / 1500 $\pm$ 2%							
Excitation	Self Excited							
Coupling	Direct							
Voltage Regulation	Self Regulated $\pm$ 1%							

Dimensions

Length (mm)	1700	1700	1700	1700	2000	2000	2000	2000
Width (mm)	920	920	920	920	900	1000	1000	1000
Height without silencer (mm)	927	927	927	927	1570	1570	1570	1570

Gross Weight

Dry Weight Approx. (Kg)	1145	1145	1165	1175	1425	1460	1469	1469
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Note: - Stand by rating = 110% of Prime rating for 1 hour in 12 hours operation, as per ISO 8528 Standard

- All ratings are based on factory test bench conditions, it may vary according to site conditions.
- De-rating factors shall be applicable with respect to temperature, altitude/air pressure and humidity.

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