

Sr. No.	Genset Rated →	1500kVA
A	Genset specification ↓	
1	Genset rating	PRP
2	Genset output (kVA/kWe)	1500 / 1200
3	Genset model	GPW-1500
4	Gross engine Power (kWm)	1318
5	Gross engine Power (HP)	1810
6	Engine model	GPW-1500
7	Engine type	Mechanical
8	Aspiration	TCAC
9	No. of Cylinders / Arrangement	12
10	Displacement (L)	39.2
11	Bore x Stroke (mm)	150 X 185
12	Compression ratio	15
13	Rated RPM	1500
14	Over speed trip (RPM)	1650
15	Governor type / DG Performance Class	Elec / G3
16	Frequency Regulation	Isochronous
17	Air cleaner type / Qty	Dry / 02
B	Exhaust system	
1	Max allowable exhaust backpressure (mBar)	75
2	Exhaust temperature (Deg C)	550
3	Silencer type	Residential
C	Engine electrical system	
1	Charging alternator VDC / Amps	24 / 55
2	Starter motor rated voltage (DC)	24
3	Battery voltage (DC) / Capacity (AH)	12V / 200AH X 2
D	Fuel System	
1	Recommended fuel	IS 1460, HSD
2	Fuel tank capacity (L)	990
E	Fuel Consumption @ % load (LPH) (Including radiator fan + other accessories)	
1	LPH @ 100%	313
2	LPH @ 75%	237
F	Lubricating Oil System	
1	Lube oil sump capacity (L)	155
2	Lube oil change period (Hrs)	500

GREAVES COTTON LIMITED

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Tel: +91 22 41711700 CIN: L99999MH1922PLC000987

3	Lube oil consumption (% of SFC)	≤0.2%
4	Lube oil filter type / Qty	Spin on / 04
5	Recommended lube oil grade	15W40, API CI4+
6	Recommended lube oil	Greaves Maxtherm
G	Alternator Specification	
1	Alternator Make	CG
2	Voltage	415
3	Frequency (Hz)	50
4	Current (Amps)	2085
5	Type	4P, rotating field
6	Voltage regulator	Automatic
7	Voltage regulation -%	±5%
8	Insulation class	H
9	Temperature rise (Deg C)	125
H	Cooling System	
1	Max ambient capability (Deg C)	50
2	Coolant capacity (Eng + Rad) (L)	310
I	Controller	
1	Controller Model	DSE 7320 MKII
J	Genset Outer Dimensions	
1	Length(L) X Width(W) X Height(H) (mm)	7500 x 2600 x 3179
2	Dry Weight (Approx.) (kg)	14000
	Disclaimer:	
	<p>1. Ref.: ⁽¹⁾G3 Class for DG Performance is available on request.</p> <p>2. PRIME POWER RATING as per ISO 8528</p> <p>4. Conformance standards: Engine - BS 5514, ISO 3046, Alternator - IS 13364 (I & II), Genset - ISO 8528 and Tolerances as applicable. Please refer our GA drawing for overall dimension with add on components like silencer, ducts etc.</p> <p>5. Specific fuel consumption depends on fuel density, load available on DG set & power factor. Tolerances for SFC will be as per ISO 3046 & ISO 8528.</p> <p>6. Product specifications are subject to change without prior notice due to the policy of continuous improvement.</p>	

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