

Standard Generator Technical Data

BG/1500/P

Length (mm)	5700
Width (mm)	2600
Height (mm)	3300
Weight (kg)	11000
Engine Model:	Perkins 4012TAG2A
Alternator Model:	Newage HCI7F
Number Of Cylinders:	V12 60°
Cubic Capacity: Litres	45.842
Bore /Stroke: Mm	160mm x 190mm
Compression Ratio:	13.6:1
Aspiration:	Turbocharged
Frequency:	50Hz
Engine Speed:	1500
Maximum Continuous Power At Flywheel: Kw	1296
BMEP: Kpa	22.6
Piston Speed: M/S	9.5
Fuel Tank Capacity: Litres	N/A
Fuel Consumption: Litres/Hr @ 100%	345
Heat Rejection To Exhaust System: Kw	877
Heat Rejection To Cooling System: Kw	464
Total Radiated Heat: Kw	95
Exhaust Temperature: °C	472
Cooling Air Flow: M_/Min	1872
Combustion Air Flow: M_/Min	106
Exhaust Gas Flow: M_/Min	285

Note: standard reference conditions 25°C (77°F) Air inlet temperature, 152.4 (500ft) A.S.L. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load with diesel fuel with a specific gravity of 0.85 and conforming to BS2869: 1988, Class A2.