

Standard Generator Technical Data

BG/100/P

Length (mm)	2300
Width (mm)	1000
Height (mm)	1600
Weight (kg)	1600
Engine Model:	Perkins 1006TG2A
Alternator Model:	Newage UCI274C
Number Of Cylinders:	6 In Line
Cubic Capacity: Litres	5.99
Bore /Stroke: Mm	100mm x 127mm
Compression Ratio:	16.0:1
Aspiration:	Turbocharged
Frequency:	50Hz
Engine Speed:	1500
Maximum Continuous Power At Flywheel: Kw	94.4
BMEP: Kpa	1263
Piston Speed: M/S	6.35
Fuel Tank Capacity: Litres	N/A
Fuel Consumption: Litres/Hr @ 100%	27.1
Heat Rejection To Exhaust System: Kw	66.5
Heat Rejection To Cooling System: Kw	63.0
Total Radiated Heat: Kw	30.0
Exhaust Temperature: °C	550
Cooling Air Flow: M_/Min	115
Combustion Air Flow: M_/Min	5.74
Exhaust Gas Flow: M_/Min	16.24

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.