

# Standard Generator Technical Data

## BG/400/P

Length (mm)	3500
Width (mm)	1500
Height (mm)	2100
Weight (kg)	4300
Engine Model:	Perkins 2306C-E14TAG3
Alternator Model:	Newage HCI5C
Number Of Cylinders:	6 In Line
Cubic Capacity: Litres	14.6
Bore /Stroke: Mm	137mm x 165mm
Compression Ratio:	15.9:1
Aspiration:	Turbocharged
Frequency:	50Hz
Engine Speed:	1500
Maximum Continuous Power At Flywheel: Kw	353
BMEP: Kpa	17.1
Piston Speed: M/S	8.28
Fuel Tank Capacity: Litres	N/A
Fuel Consumption: Litres/Hr @ 100%	96.5
Heat Rejection To Exhaust System: Kw	291
Heat Rejection To Cooling System: Kw	135
Total Radiated Heat: Kw	17
Exhaust Temperature: °C	462
Cooling Air Flow: M_/Min	438
Combustion Air Flow: M_/Min	32.4
Exhaust Gas Flow: M_/Min	79.7

**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.