

# Standard Generator Technical Data

## BG/700/P

Length (mm)	4100
Wdith (mm)	2000
Height (mm)	2500
Weight (kg)	6100
Engine Model:	Perkins 4006-23TAG2A
Alternator Model:	Newage HCI6G
Number Of Cylinders:	6 In Line
Cubic Capacity: Litres	22.921
Bore /Stroke: Mm	160mm x 190mm
Compression Ratio:	13.6:1
Aspiration:	Turbocharged
Frequency:	50Hz
Engine Speed:	1500
Maximum Continuous Power At Flywheel: Kw	646
BMEP: Kpa	2247
Piston Speed: M/S	9.5
Fuel Tank Capacity: Litres	N/A
Fuel Consumption: Litres/Hr @ 100%	-
Heat Rejection To Exhaust System: Kw	540
Heat Rejection To Cooling System: Kw	191
Total Radiated Heat: Kw	48
Exhaust Temperature: °C	430
Cooling Air Flow: M_/Min	20
Combustion Air Flow: M_/Min	64
Exhaust Gas Flow: M_/Min	182

**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.