

# Standard Generator Technical Data

## BG/600/P

Length (mm)	4000
Wdith (mm)	2000
Height (mm)	2500
Weight (kg)	6000
Engine Model:	Perkins 4006-23TAG1A
Alternator Model:	Newage HCI5E
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	581
BMEP: Kpa	2021
Piston Speed: M/S	9.5
Fuel Tank Capacity: Litres	N/A
Fuel Consumption: Litres/Hr @ 100%	-
Heat Rejection To Exhaust System: Kw	490
Heat Rejection To Cooling System: Kw	200
Total Radiated Heat: Kw	42
Exhaust Temperature: °C	410
Cooling Air Flow: M_/Min	20
Combustion Air Flow: M_/Min	60
Exhaust Gas Flow: M_/Min	171

**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.