

Gas generator with CHP system CHP170VB



Note: The photo of generator is only for your reference.

Model CHP170VB

Engine:

Base Engine:6LTAA8.9

Number of cylinders:6

Air intake way:Turbo-charged

Bore x Stroke (mm):114x145

Displacement(L):8.9L

Compression ratio:16:1

Engine speed(rpm) :1500

Engine weight(kg):650

Prime Power(kw):170

Standby Power(kw):190

Torque(N·m):465

Low idle(rpm):750±50

Piston seed(m/s):6

Engine coolant flow (L/S):2

Exhaust flow(m³/h):435

Exhaust temperature(°C)675±25

Alternator:

Model:Engga,EG280L-180N

Frequency and Speed:50hz/1500rpm

Voltage(v):400

Prime Power(kw):170

Power Efficiency:88.40%

Stator winding:2/3

Excitation:brushless

Protection:IP23

Insulation:H

Max.over speed:2160rpm/min

Voltage regulation:±1%

Rated power factor:0.8

Control System:

DSE, Smartgen, Harsen HK



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CHP Technical Data:

Gas Fuel-CHP170VB	Unit	Characters
Emission Standard (NO x)	mg/m ³	Euro II
Electrical Power	kW	170
Thermal Power	kW	447
Electrical Efficiency	%	35-40
Thermal Efficiency	%	50-55
Overall Efficiency	%	85-95
Natural gas Consumption	m ³ /kw•h	≤0.3
Engine Oil Consumption	g/kWh	≤1.02

Remark: it is soften hard water from outside

Dimensions and Weights:(Open type)
Size:L×W×H(mm),2550×970×1500
Net Weight(kg):1800

Dimensions and Weights:(silent type)
Size:L×W×H(mm),3150X1500X1750
Net Weight(kg):2450

