

Gas generator with CHP system CHP50VB



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

Model CHP50VB

Engine:

Base Engine:6B5.9

Number of cylinders:6L

Air intake way:Turbo-charged

Bore x Stroke (mm):102x120

Displacement(L):5.9L

Compression ratio:16.5:1

Engine speed(rpm) :1500

Engine weight (kg):440

Prime Power(kw):50

Standby Power(kw):55

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,EG225S-50N

Frequency and Speed:50hz/1500rpm

Voltage(v):400

Prime Power(kw):50

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



National HI-TECH Industrial & Development Zone, Zhengzhou, China
Tel: 0086-371-86525099

www.hamacpower.com

CHP Technical Data

Gas Fuel-CHP50VB	Unit	Characterstic
Emission Standard (NO x)	mg/m ³	Euro II
Electrical Power	kW	50
Thermal Power	kW	132
Electrical Efficiency	%	36.2-40
Thermal Efficiency	%	50-55
Overall Efficiency	%	86.2-95
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),2100×800×1375

Net Weight(kg):900

Dimensions and Weights:(silent type)

Size:L×W×H(mm),2500X1000X1600

Net Weight(kg):1600

