

Gas generator with CHP system CHP85VB



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

Model CHP85VB

Engine:

Base Engine:6B5.9

Number of cylinders:6

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):437

Prime Power(kw):85

Standby Power(kw):95

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,EG225L-90N

Frequency and Speed:50hz/1500rpm

Voltage(v):400

Prime Power(kw):85

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

CHP Technical Data:



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

www.hamacpower.com

| Gas Fuel-CHP85VB | Unit | Characters |
|----------------------------|----------------------|------------|
| Emission Standard (NO x) | mg/m ³ | Euro II |
| Electrical Power | kW | 85 |
| Thermal Power | kW | 224 |
| 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),2200×800×1375

Net Weight(kg):1120

Dimensions and Weights:(silent type)

Size:L×W×H(mm),2500X1000X1600

Net Weight(kg):1700

