

Gas generator with CHP system CHP500VB



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

Model CHP500VB

Engine:

Base Engine:KT38

Number of cylinders:6

Air intake way:Turbo-charged

Bore x Stroke (mm):159x159

Displacement(L):38L

Compression ratio:13:1

Engine speed(rpm) :1500

Engine weight(kg):4200

Prime Power(kw):500

Standby Power(kw):550

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,EG315L-500N

Frequency and Speed:50hz/1500rpm

Voltage(v):400

Prime Power(kw):450

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
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Gas Fuel-CHP500VB	Unit	Characters
Emission Standard (NO x)	mg/m ³	Euro II
Electrical Power	kW	500
Thermal Power	kW	1316
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),4500×2300×2500

Net Weight(kg):9500

Dimensions and Weights:(silent type)

Size:L×W×H(mm),4250X2600X2950

Net Weight(kg):12500

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