

Gas generator with CHP system CHP400VB



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

Model CHP400VB

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):350
Standby Power(kw):400
Torque(N·m):465
Low idle(rpm):750±50
Piston speed(m/s):6
Engine coolant flow (L/S):2
Exhaust flow(m³/h):435
Exhaust temperature(°C)675±25

Alternator:

Model:Engga,EG315L-400N
Frequency and Speed:50hz/1500rpm
Voltage(v):400
Prime Power(kw):400
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-CHP400VB	Unit	Characters
Emission Standard (NO x)	mg/m ³	Euro II
Electrical Power	kW	400
Thermal Power	kW	1053
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),3800×1700×2300
Net Weight(kg):5800

Dimensions and Weights:(silent type)
Size:L×W×H(mm),4250X2100X2950
Net Weight(kg):9000

