

Gas generator with CHP system CHP280VB



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

Model CHP280VB

Engine:

Base Engine:KT19

Number of cylinders:6

Air intake way:Turbo-charged

Bore x Stroke (mm):159x159

Displacement(L):18.9L

Compression ratio:13.5:1

Engine speed(rpm) :1500

Engine weight(kg):1786

Prime Power(kw):280

Standby Power(kw):315

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,EG315M-280N

Frequency and Speed:50hz/1500rpm

Voltage(v):400

Prime Power(kw):280

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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www.hamacpower.com

Gas Fuel-CHP280VB	Unit	Characters
Emission Standard (NO x)	mg/m ³	Euro II
Electrical Power	kW	280
Thermal Power	kW	737
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),3440×1550×2200

Net Weight(kg):4250

Dimensions and Weights:(silent type)

Size:L×W×H(mm),4150X2000X2750

Net Weight(kg):4750