

## Gas generator with CHP system CHP350VB



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

**Model** CHP350VB

### 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):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(m<sup>3</sup>/h):435  
Exhaust temperature(°C)675±25

### Alternator:

Model:Engga,EG315L-360N  
Frequency and Speed:50hz/1500rpm  
Voltage(v):400  
Prime Power(kw):350  
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-CHP350VB	Unit	Characters
Emission Standard ( NO x )	mg/m <sup>3</sup>	Euro II
Electrical Power	kW	350
Thermal Power	kW	921
Electrical Efficiency	%	35-40
Thermal Efficiency	%	50-55
Overall Efficiency	%	85-95
Natural gas Consumption	m <sup>3</sup> /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),3500×1600×2300  
Net Weight(kg):4300

Dimensions and Weights:(silent type)  
Size:L×W×H(mm),4200X2100X2850  
Net Weight(kg):5150

