

GAS

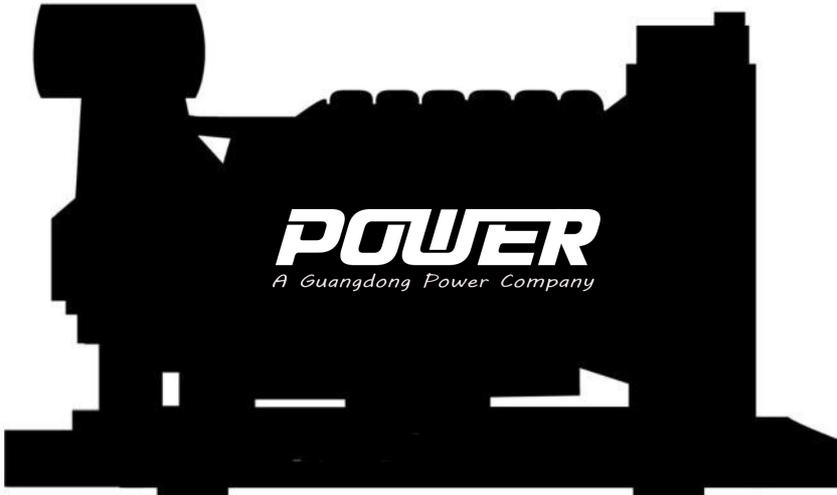
CONTINUOUS POWER

POWER
A Guangdong Power Company

© Guangdong 2025. The information contained in this brochure is for guidance only and does not form part of any contract. The accuracy cannot be guaranteed as Honny have an ongoing process of development and reserve the right to change the specification of their products without notice.

Gas Generator Set

Model: G1250NG



SERVICE		COP
POWER	kVA	1250
POWER	kW	1000
RATED SPEED	r.p.m.	1.500
STANDARD VOLTAGE	V	400/230
RATED AT POWER FACTOR	Cos Phi	1,0



HEAVY RANGE

Guangdong Power Company with quality certification ISO 9001
Guangdong gensets are compliant with EC mark which includes the following directives:

- 2006/42/CE Machinery safety.
- 2014/30/UE Electromagnetic compatibility.
- 2014/35/UE electrical equipment designed for use within certain voltage limits
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- 97/68/EC Emissions of gaseous and particulate pollutants. (amended by 2012/46/EU)
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2018 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):
According to ISO 8528-1:2018, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

Continuous Power (COP): According to Standard ISO 8528-1:2018, this is the maximum power available for continuous loads for unlimited running hours a year between the maintenance times recommended by the manufacturer under the environmental conditions established by the same.

G2 class load acceptance in accordance with ISO 8528-5:2013



OPEN SKID



OPEN SKID



WATER-COOLED



THREE PHASE



50 HZ



NATURAL GAS

Gas Generator Set

Model: G1250NG



Engine Specifications | 1.500 r.p.m.

Rated Output (COP)	kW	1200
Manufacturer	Guangdong Power	
Model	G1250NG	
Engine Type	4-stroke Otto Cycle	
Injection Type	Carburization	
Aspiration Type	Turbocharged and after-cooled	
Number of cylinders and arrangement	12-V	
Bore and Stroke	mm	170 x 210
Displacement	L	57,2
Cooling System	Coolant	
Lube Oil Specifications	SAE 40	
Compression Ratio	12,1	

Fuel Consumption 100% COP	Nm3/h	289,1
Fuel Consumption 75 % COP	Nm3/h	222,95
Fuel Consumption 50 % COP	Nm3/h	158
Lube oil consumption with full load	g/kWh	0,2
Total oil capacity including tubes, filters	L	260
Governor	Type	Electrical
Air Filter	Type	Dry



- Natural Gas engine
- 4-stroke cycle
- 24V electrical system
- Dry air filter
- Remote radiator
- HTW sender
- LOP sender
- Electronic governor
- Hot parts protection
- Moving parts protection



Generator Specifications | STAMFORD

Manufacturer	STAMFORD	
Model	PI734E	
Poles	No.	4
Connection type (standard)	Star	
Mounting type	S-00 21"	
Insulation	Class	H class

Enclosure (according IEC-34-5)	IP23
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)



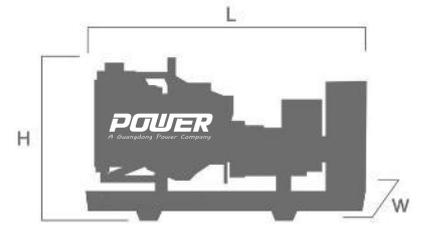
- Self-excited and self-regulated
- 4 poles
- AVR governor
- IP23 protection
- H class insulation

Gas Generator Set

Model: G1250NG

WEIGHT AND DIMENSIONS

Standard Version		
Length (L)	mm	8.777
Height (H)	mm	2.692
Width (W)	mm	2.150
Maximum shipping volume	m ³	50,8
Weight with liquids in radiator and sump	Kg	13960
Autonomy	Hours	Ask



APPLICATION DATA

EXHAUST SYSTEM

Maximum exhaust temperature	°C	457
Exhaust Gas Flow	m ³ /min	79,4
Maximum allowed back pressure	mbar	60

STARTING SYSTEM

Starting power	kW	9
Starting power	CV	12,24
Auxiliary Voltage	Vdc	24

NECESSARY AMOUNT OF AIR

Intake air flow	m ³ /h	4614
Cooling Air Flow	m ³ /s	34,44
Alternator fan air flow	m ³ /s	2,69

FUEL SYSTEM

Fuel Oil Specifications	Natural Gas	
Lower heating value (LHV)	kWh/Nm ³	9,5
Composition *	95% Methane	
Fuel supply connection size	mm	80
Fuel supply pressure	mbar	170 - 250

Gas Generator Set

Model: G1250NG



Open set version

- Steel chassis
- Emergency stop button
- Anti-vibration shock absorbers
- Steel industrial silencer -15db(A) attenuation
- Steel residential silencer -35db(A) attenuation. (Opcional).



Gas ramp

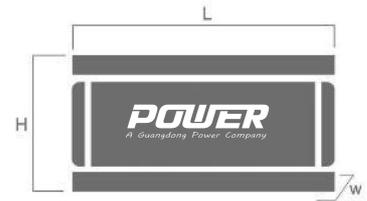
- Gas filter
- Double solenoid valve
- Gas pressure regulator
- Low pressure switch
- High pressure switch
- Inlet pressure manometer
- Outlet pressure manometer

Gas Generator Set

Model: G1250NG

WEIGHT AND DIMENSIONS

Standard Version		
Length (L)	mm	12.192
Height (H)	mm	2.896
Width (W)	mm	2.438
Maximum shipping volume	m ³	86,08
Weight with liquids in radiator and sump	Kg	28725
Autonomy	Hours	Ask
Sound pressure level	dB(A)@7m	76 ± 2,4



APPLICATION DATA

EXHAUST SYSTEM

Maximum exhaust temperature	°C	457
Exhaust Gas Flow	m ³ /min	79,4
Maximum allowed back pressure	mbar	60

STARTING SYSTEM

Starting power	kW	9
Starting power	CV	12,24
Auxiliary Voltage	Vdc	24

NECESSARY AMOUNT OF AIR

Intake air flow	m ³ /h	4614
Cooling Air Flow	m ³ /s	34,44
Alternator fan air flow	m ³ /s	2,69

FUEL SYSTEM

Fuel Oil Specifications	Natural Gas	
Lower heating value (LHV)	kWh/Nm ³	9,5
Composition *	95% Methane	
Fuel supply connection size	mm	80
Fuel supply pressure	mbar	170 - 250

Gas Generator Set

Model: G1250NG



Container version

- Soundproofing provided by high-density volcanic rock wool
- High mechanical resistance
- Low level of noise emissions
- Door with window to visualize control panel, alarms and measurements
- Reinforced lifting points for crane hoisting and lower ones for transportation by forklift
- Residential steel silencer with -35dB attenuation and tilting cap in the exhaust
- Anti-vibration shock absorbers
- Steel chassis
- Manual oil extraction pump
- Robust construction designed for continuous or emergency applications
- Stainless steel fittings
- Emergency stops
- Easy access to the power connection
- Reinforced chassis for heavy range
- Easy access for chassis cleaning
- Silent-block with anti-corrosion protection between the genset and the chassis
- Easy access to fill radiator through the roof



Gas ramp

- Gas filter
- Double solenoid valve
- Gas pressure regulator
- Low pressure switch
- High pressure switch
- Inlet pressure manometer
- Outlet pressure manometer