DATONG AUTOSUN POWER CONTROL CO.,LTD

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PRODUCT MANUAL

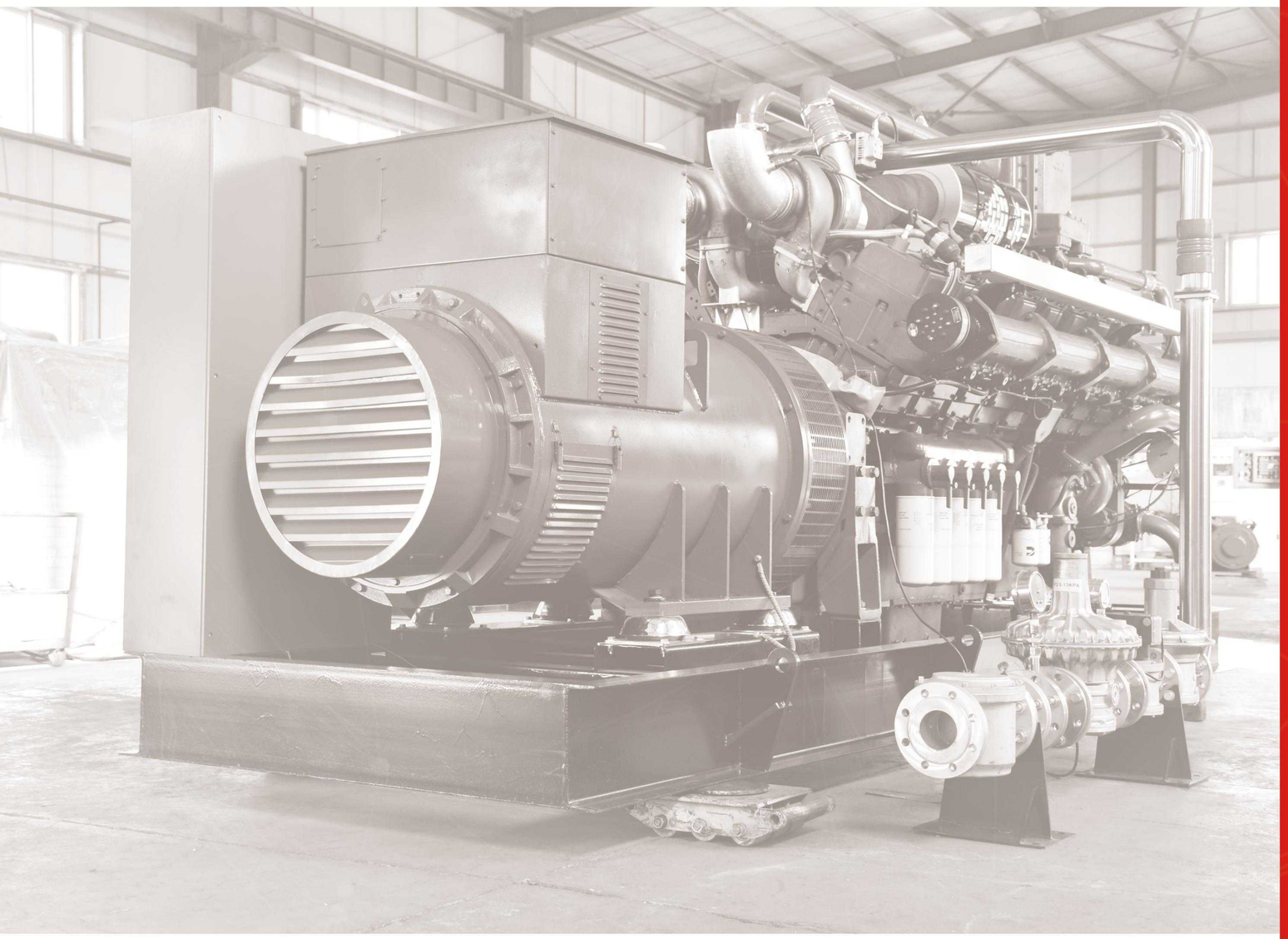


# GAS GENERATOR SET

A technology company specializing in the research, testing, and sales of gas generator sets and engine electronic control systems

ECONOMIC EFFICIENCY, HIGH EFFICIENCY, AND STABILITY

DATONG AUTOSUN POWER CONTROL CO.,LTD



# CATALOGUE


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# COMPANY PROFILE

Specializing in the research, testing, and sales of gas generator sets and engine electronic control systems

ESTABLISHMENT TIME
**2002**

Datong Autosun Power Control Co., Ltd. was established in 2002 and is a technology company specializing in the research, testing, and sales of gas generator sets and engine electronic control systems.

FACTORY AREA
**20000 M²**

The development philosophy of Autosun is "pursuing excellence, practical innovation, quality first, and customer first". The company has been recognized as a high-tech enterprise and selected as a "specialized, refined, and innovative" enterprise. The company focuses on quality management and has obtained ISO9001 and IATF16949 quality management system certifications. Its products have also passed EU CE certification and Russian EAC certification. The company has multiple invention patents and utility model

NO. OF EMPLOYEES
**100+**

In the future, Autosun will continue to innovate and surpass, following the development characteristics of specialization, refinement, specialization, and novelty, to develop more intelligent control systems for the engine power industry, and to provide reliable, clean, and efficient power systems for building an ecological earth and protecting the green environment.



DATONG AUTOSUN POWER CONTROL CO.,LTD

## Development philosophy

The development philosophy of Datong Autosun Power Control Co., Ltd. is to pursue excellence, practical innovation, quality first, and customer first.

## enterprise qualification certification

The company has been recognized as a high-tech enterprise and selected for the "Specialized, Refined, Unique and New" enterprise directory.
The company attaches great importance to quality management and has passed the ISO 9001 quality management system and IATF 16949 automotive industry quality management system

## invention patent

The company has multiple invention patents and utility model patents.

## AUTHORITATIVE CERTIFICATION OF ENTERPRISE QUALIFICATIONS

EVERY CERTIFICATION IS A WITNESS TO OUR STRENGTH









## THE SALES MARKET COVERS VARIOUS REGIONS BOTH DOMESTICALLY AND INTERNATIONALLY

The company's products are exported to more than 30 countries around the world, such as Russia, Canada, Brazil, Malaysia, India, Saudi Arabia, T ü rkiye, etc. The company is quality oriented, from design and development to testing, debugging to finished products, through a series of stability tests, such as high and low temperature, vibration, etc., to ensure that the products perform the best performance in the worst environment, while providing the best operability and maintainability, the products enjoy the national warranty policy, so that customers can rest at ease!

**HEADQUARTERS** Shanxi Datong

**OFFICE** Shandong
Guangdong
Chongqing
Shanghai

## PLANT ENVIRONMENT









## VISITING CLIENTS









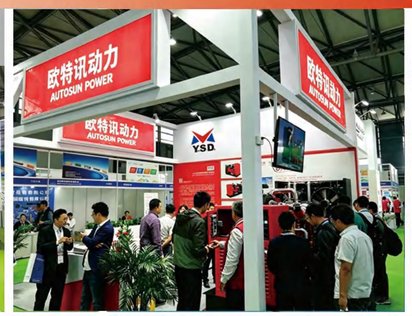


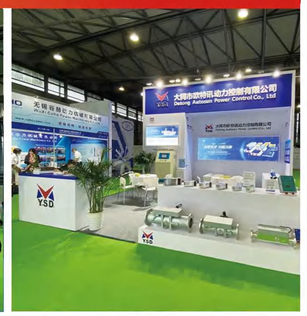




## EXHIBITION







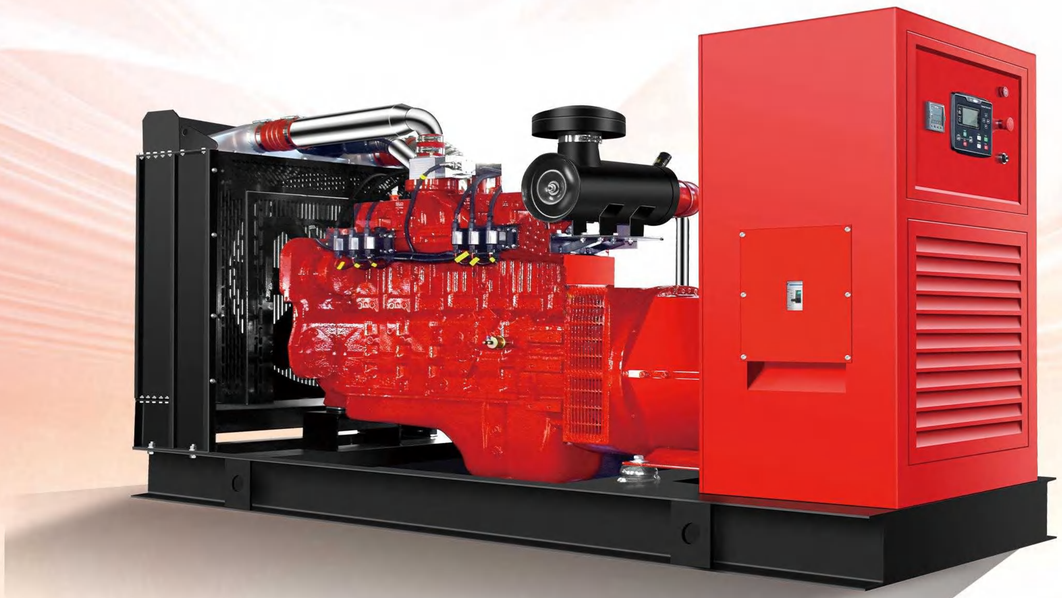






# WL50-CNG

Natural gas/biogas generator set
Rated power: 50KW
Voltage frequency: 400V/50Hz



50





# WL50-CNG

## Main technical parameters

### Generator set parameters

| | |
|---|---|
| Model | WL50-CNG |
| Rated power | 50KW/62.5KVA |
| Rated speed | 1500r/min |
| Rated voltage | 400V |
| Rated current | 90A |
| frequency | 50Hz |
| Power factor | 0.8(LAG) |
| Electrical efficiency | ⩾39% |
| Noise | ⩽70dB(1m) |
| Start mode | electronic |
| Weight | 950kg |

### Engine parameters

| | |
|---|---|
| Model | 4BT-CNG |
| Rated power | 65KW/1500r |
| Rated speed | 1500r/min |
| Cylinders | 4 |
| Model | L type, four-stroke, water-cooled |
| Intake form | Exhaust gas turbo |
| Bore size*stroke | 102*120mm |
| Displacement. | 3.9L |
| Compression ratio | 12:1 |
| Exhaust temperature (before turbo) | 590±10℃ |
| Gas valve group interface | DN25 |
| Control System | ECS control |
| Oil consumption rate | ⩽0.3g/kw.h |
| Coolant capacity (including radiator) | 18L |
| Oil capacity | 10L |

### Alternator parameters

| | |
|---|---|
| Model | FLD224EL |
| Excitation mode | Brushless |
| Insulation level | H |
| Protection level | IP23 |
| Efficiency | 93% |

### Genset control system

| | |
|---|---|
| Control module | DSE/ComAp/SmartGen |
| Speed controller | GEC100B |
| Ignition controller | GEC100B |
| AFR controller | LC601 |
| Speed throttle. | OT961 |
| Gas throttle | KZ45 |

### Cooling parameters

| | |
|---|---|
| High temperature water volume | 5m³/h |
| High temperature water inlet(±2%) | 65℃ |
| High temperature water outlet(±2%) | 78℃ |
| Intercooler volume (full load) | 252m³/h |
| Intercooler intake temperature | <120℃ |
| Intercooler outlet temperature | <45℃ |

### Gas consumption(CNG)

| | |
|---|---|
| Load100% | 0.282 m³/kw.h |
| Load75% | 0.305 m³/kw.h |
| Load50% | 0.326 m³/kw.h |
| Load25% | 0.394 m³/kw.h |

### Test Conditions

| | |
|---|---|
| Gas calorific value | 8400 calories/kg |
| Gas composition | $CH_4$⩾92% |
| Gas temperature | 10~30℃ |
| Gas humidity | <60% |
| Gas tank outlet pressure | 1.5 bar |
| Gas inlet pressure | 10 kpa |
| Exhaust back pressure | <5 kpa |
| Altitude | 900 m |
| Absolute atmospheric pressure | 98.4 kpa |
| Temperature | 20℃ |
| Relative humidity | ⩽30% |

Note: All data of the unit are measured under the above test environment.

# WL80-CNG

Natural gas/biogas generator set
Rated power: 80KW
Voltage frequency: 400V/50Hz



80





# WL80-CNG

## Main technical parameters

### Generator set parameters

| | |
|---|---|
| Model | WL80-CNG |
| Rated power | 80KW/100KVA |
| Rated speed | 1500r/min |
| Rated voltage | 400V |
| Rated current | 144A |
| frequency | 50Hz |
| Power factor | 0.8(LAG) |
| Electrical efficiency | ⩾39% |
| Noise | ⩽75dB(1m) |
| Start mode | electronic |
| Weight | 1200kg |

### Engine parameters

| | |
|---|---|
| Model | 6BT-CNG |
| Rated power | 95KW/1500r |
| Rated speed | 1500r/min |
| Cylinders | 6 |
| Model | L type, four-stroke, water-cooled |
| Intake form | Exhaust gas turbo |
| Bore size*stroke | 102*120mm |
| Displacement. | 5.9L |
| Compression ratio | 12:1 |
| Exhaust temperature (before turbo) | 590±10℃ |
| Gas valve group interface | DN25 |
| Control System | ECS control |
| Oil consumption rate | ⩽0.3g/kw.h |
| Coolant capacity (including radiator) | 24L |
| Oil capacity | 17L |

### Alternator parameters

| | |
|---|---|
| Model | FLD274C |
| Excitation mode | Brushless |
| Insulation level | H |
| Protection level | IP23 |
| Efficiency | 93% |

### Genset control system

| | |
|---|---|
| Control module | DSE/ComAp/SmartGen |
| Speed controller | GEC100B |
| Ignition controller | GEC100B |
| AFR controller | LC601 |
| Speed throttle. | OT961 |
| Gas throttle | KZ45 |

### Cooling parameters

| | |
|---|---|
| High temperature water volume | 7m³/h |
| High temperature water inlet(±2%) | 65℃ |
| High temperature water outlet(±2%) | 78℃ |
| Intercooler volume (full load) | 327m³/h |
| Intercooler intake temperature | <120℃ |
| Intercooler outlet temperature | <45℃ |

### Gas consumption(CNG)

| | |
|---|---|
| Load100% | 0.282 m³/kw.h |
| Load75% | 0.305 m³/kw.h |
| Load50% | 0.324 m³/kw.h |
| Load25% | 0.395 m³/kw.h |

### Test Conditions

| | |
|---|---|
| Gas calorific value | 8400 calories/kg |
| Gas composition | $CH_4$⩾92% |
| Gas temperature | 10~30℃ |
| Gas humidity | <60% |
| Gas tank outlet pressure | 1.5 bar |
| Gas inlet pressure | 10 kpa |
| Exhaust back pressure | <5 kpa |
| Altitude | 900 m |
| Absolute atmospheric pressure | 98.4 kpa |
| Temperature | 20℃ |
| Relative humidity | ⩽30% |

Note: All data of the unit are measured under the above test environment.

# WL90-CNG

Natural gas/biogas generator set
Rated power：90KW
Voltage frequency：400V/50Hz



90





# WL90-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL 90-CNG
Rated power..... 90 KW/ 112 KVA
Rated speed.....1500 r/min
Rated voltage ..... 400V
Rated current ..... 162A
frequency .....50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽80dB(1m)
Start mode ..... electronic
Weight..... 1150 kg

### Engine parameters

Model .....N4M5-CNG
Rated power.....105KW/1500r
Rated speed .....1500 r/min
Cylinders ..... 4
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 110*135mm
Displacement. .....5.1L
Compression ratio .....12:1
Exhaust temperature (before turbo) .....620±10℃
Gas valve group interface .....DN25
Control System ..... ECS control
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 19L
Oil capacity .....12L

### Alternator parameters

Model ..... FD3C-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... GEC 100B
Ignition controller ..... GEC 100B
AFR controller ..... LC601
Speed throttle. ..... KZ55
Gas throttle ..... KZ45

### Cooling parameters

High temperature water volume ..... 7 $m^3$/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Intercooler volume (full load) ..... 298 $m^3$/h
Intercooler intake temperature ..... <120℃
Intercooler outlet temperature ..... <45℃

### Gas consumption(CNG)

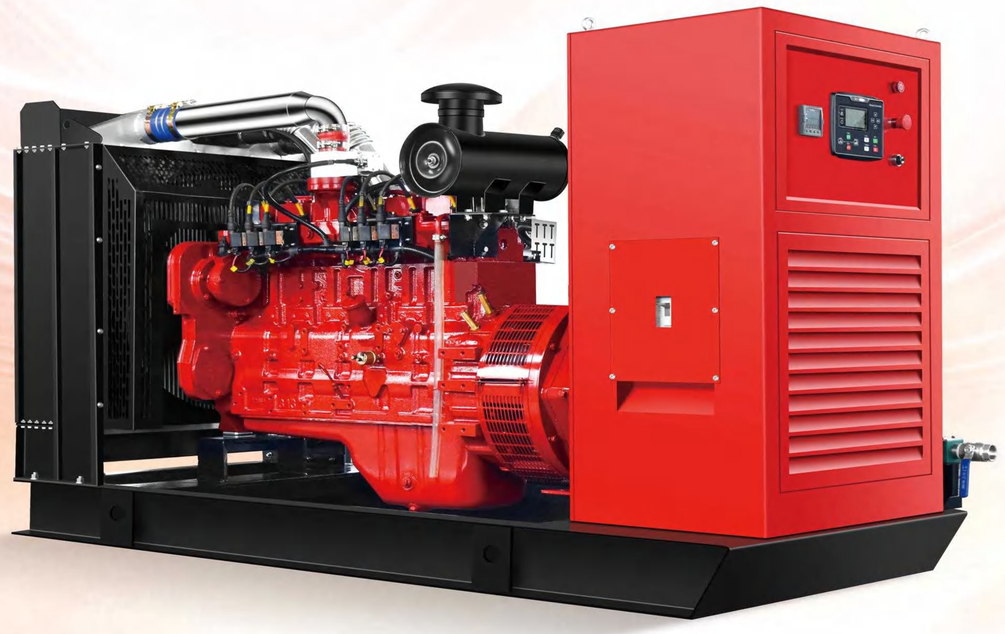
Load100% ..... 0.282 $m^3$/kw.h
Load75% ..... 0.304 $m^3$/kw.h
Load50% ..... 0.326 $m^3$/kw.h
Load25% ..... 0.393 $m^3$/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/$m^3$
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure .....1.5 bar
Gas inlet pressure ..... 10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL120-CNG

Natural gas/biogas generator set
Rated power：120KW
Voltage frequency：400V/50Hz



120





# WL120-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL 120-CNG
Rated power..... 120 KW/ 150 KVA
Rated speed..... 1500 r/min
Rated voltage ..... 400V
Rated current ..... 216A
frequency ..... 50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽75dB(1m)
Start mode ..... electronic
Weight..... 1600 kg

### Engine parameters

Model ..... 6CT-CNG
Rated power..... 135KW/1500r
Rated speed ..... 1500 r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 114*135mm
Displacement. ..... 8.3L
Compression ratio ..... 12:1
Exhaust temperature (before turbo) ..... 590±10℃
Gas valve group interface ..... DN25
Control System ..... ECS control
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 32L
Oil capacity ..... 24L

### Alternator parameters

Model ..... FLD274FS
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency ..... 93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... GEC 100B
Ignition controller ..... GEC 100B
AFR controller ..... LC601
Speed throttle. ..... OT961
Gas throttle ..... KZ45

### Cooling parameters

High temperature water volume ..... 10 $m^3/h$
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Intercooler volume (full load) ..... 464 $m^3/h$
Intercooler intake temperature ..... <120℃
Intercooler outlet temperature ..... <45℃

### Gas consumption(CNG)

Load100% ..... 0.283 $m^3/kw.h$
Load75% ..... 0.307 $m^3/kw.h$
Load50% ..... 0.326 $m^3/kw.h$
Load25% ..... 0.392 $m^3/kw.h$

### Test Conditions

Gas calorific value ..... 8400 calories/$m^3$
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure ..... 1.5 bar
Gas inlet pressure ..... 10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL130-CNG

Natural gas/biogas generator set
Rated power：130KW
Voltage frequency：400V/50Hz



130





# WL130-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL130-CNG
Rated power..... 130KW/ 162 KVA
Rated speed..... 1500 r/min
Rated voltage ..... 400V
Rated current ..... 234A
frequency ..... 50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽85dB(1m)
Start mode ..... electronic
Weight..... 1350 kg

### Engine parameters

Model ..... N6M5-CNG
Rated power..... 150KW/1500r
Rated speed ..... 1500 r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 110*135mm
Displacement. ..... 7.7L
Compression ratio ..... 12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface ..... DN25
Control System ..... ECScontrol
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 28L
Oil capacity ..... 18L

### Alternator parameters

Model ..... FD3ES-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency ..... 93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... GEC 100B
Ignition controller ..... GEC 100B
AFR controller ..... LC601
Speed throttle. ..... KZ55
Gas throttle ..... KZ45

### Cooling parameters

High temperature water volume ..... 9m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Intercooler volume (full load) ..... 430 m³/h
Intercooler intake temperature ..... <120℃
Intercooler outlet temperature ..... <45℃

### Gas consumption(CNG)

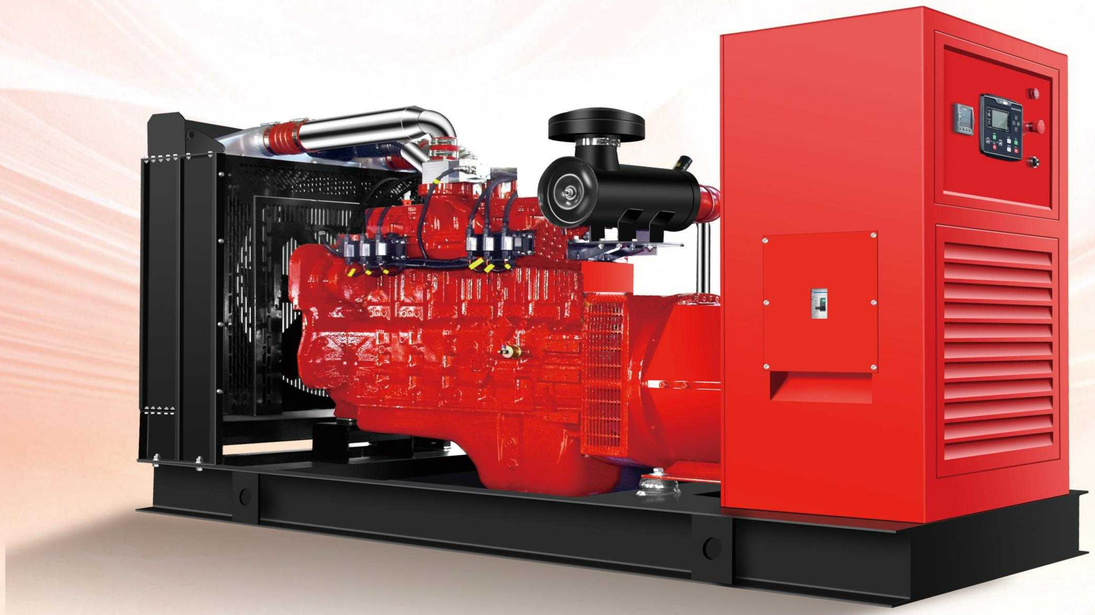
Load100% ..... 0.285 m³/kw.h
Load75% ..... 0.304 m³/kw.h
Load50% ..... 0.325 m³/kw.h
Load25% ..... 0.396 m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure ..... 1.5 bar
Gas inlet pressure ..... 10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL150-CNG

Natural gas/biogas generator set
Rated power：150KW
Voltage frequency：400V/50Hz



150





# WL150-CNG

## Main technical parameters

### Generator set parameters

| | |
|---|---|
| Model | WL 150-CNG |
| Rated power | 150 KW/ 187KVA |
| Rated speed | 1500 r/min |
| Rated voltage | 400V |
| Rated current | 270A |
| frequency | 50Hz |
| Power factor | 0.8(LAG) |
| Electrical efficiency | ⩾39% |
| Noise | ⩽75dB(1m) |
| Start mode | electronic |
| Weight | 1700 kg |

### Engine parameters

| | |
|---|---|
| Model | 6LT-CNG |
| Rated power | 165KW/1500r |
| Rated speed | 1500 r/min |
| Cylinders | 6 |
| Model | L type, four-stroke, water-cooled |
| Intake form | Exhaust gas turbo |
| Bore size*stroke | 114*145mm |
| Displacement. | 8.9L |
| Compression ratio | 12:1 |
| Exhaust temperature (before turbo) | 590±10℃ |
| Gas valve group interface | DN25 |
| Control System | ECS control |
| Oil consumption rate | ⩽ 0.3 g/kw.h |
| Coolant capacity (including radiator) | 35L |
| Oil capacity | 27L |

### Alternator parameters

| | |
|---|---|
| Model | FLD274HS |
| Excitation mode | Brushless |
| Insulation level | H |
| Protection level | IP23 |
| Efficiency | 93% |

### Genset control system

| | |
|---|---|
| Control module | DSE/ComAp/SmartGen |
| Speed controller | GEC 100B |
| Ignition controller | GEC 100B |
| AFR controller | LC601 |
| Speed throttle. | OT961 |
| Gas throttle | KZ45 |

### Cooling parameters

| | |
|---|---|
| High temperature water volume | 11 $m^3/h$ |
| High temperature water inlet(±2%) | 65℃ |
| High temperature water outlet(±2%) | 78℃ |
| Intercooler volume (full load) | 581 $m^3/h$ |
| Intercooler intake temperature | <120℃ |
| Intercooler outlet temperature | <45℃ |

### Gas consumption(CNG)

| | |
|---|---|
| Load100% | 0.282 $m^3/kw.h$ |
| Load75% | 0.305 $m^3/kw.h$ |
| Load50% | 0.324 $m^3/kw.h$ |
| Load25% | 0.389 $m^3/kw.h$ |

### Test Conditions

| | |
|---|---|
| Gas calorific value | 8400 calories/$m^3$ |
| Gas composition | $CH_4$⩾92% |
| Gas temperature | 10~30℃ |
| Gas humidity | <60% |
| Gas tank outlet pressure | 1.5 bar |
| Gas inlet pressure | 10 kpa |
| Exhaust back pressure | <5 kpa |
| Altitude | 900 m |
| Absolute atmospheric pressure | 98.4 kpa |
| Temperature | 20℃ |
| Relative humidity | ⩽30% |

Note: All data of the unit are measured under the above test environment.

# WL180-CNG

Natural gas/biogas generator set
Rated power：180KW
Voltage frequency：400V/50Hz




180





# WL180-CNG

## Main technical parameters

### Generator set parameters

| | |
|---|---|
| Model | WL180-CNG |
| Rated power | 180KW/ 225 KVA |
| Rated speed | 1500 r/min |
| Rated voltage | 400V |
| Rated current | 324A |
| frequency | 50Hz |
| Power factor | 0.8(LAG) |
| Electrical efficiency | ⩾39% |
| Noise | ⩽85dB(1m) |
| Start mode | electronic |
| Weight | 2200 kg |

### Engine parameters

| | |
|---|---|
| Model | N6S4-CNG |
| Rated power | 240KW/1500r |
| Rated speed | 1500 r/min |
| Cylinders | 6 |
| Model | L type, four-stroke, water-cooled |
| Intake form | Exhaust gas turbo |
| Bore size*stroke | 126*130mm |
| Displacement. | 9.7L |
| Compression ratio | 12:1 |
| Exhaust temperature (before turbo) | 620±10℃ |
| Gas valve group interface | DN32 |
| Control System | ECS control |
| Oil consumption rate | ⩽ 0.3 g/kw.h |
| Coolant capacity (including radiator) | 48L |
| Oil capacity | 28L |

### Alternator parameters

| | |
|---|---|
| Model | FD3G-4 |
| Excitation mode | Brushless |
| Insulation level | H |
| Protection level | IP23 |
| Efficiency | 93% |

### Genset control system

| | |
|---|---|
| Control module | DSE/ComAp/SmartGen |
| Speed controller | GEC 100B |
| Ignition controller | GEC 100B |
| AFR controller | LC601 |
| Speed throttle. | OT961 |
| Gas throttle | KZ45 |

### Cooling parameters

| | |
|---|---|
| High temperature water volume | 14m³/h |
| High temperature water inlet(±2%) | 65℃ |
| High temperature water outlet(±2%) | 78℃ |
| Intercooler volume (full load) | 560 m³/h |
| Intercooler intake temperature | <120℃ |
| Intercooler outlet temperature | <45℃ |

### Gas consumption(CNG)

| | |
|---|---|
| Load100% | 0.284 m³/kw.h |
| Load75% | 0.303 m³/kw.h |
| Load50% | 0.323 m³/kw.h |
| Load25% | 0.384 m³/kw.h |

### Test Conditions

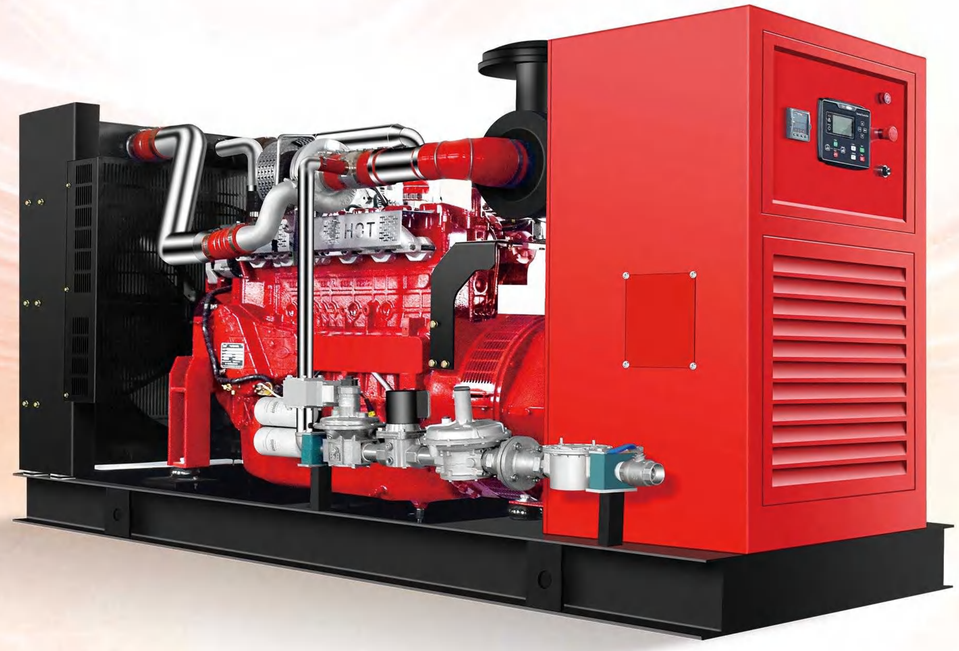
| | |
|---|---|
| Gas calorific value | 8400 calories/m³ |
| Gas composition | $CH_4$⩾92% |
| Gas temperature | 10~30℃ |
| Gas humidity | <60% |
| Gas tank outlet pressure | 1.5 bar |
| Gas inlet pressure | 10 kpa |
| Exhaust back pressure | <5 kpa |
| Altitude | 900 m |
| Absolute atmospheric pressure | 98.4 kpa |
| Temperature | 20℃ |
| Relative humidity | ⩽30% |

Note: All data of the unit are measured under the above test environment.

# WL220-CNG

Natural gas/biogas generator set
Rated power：220KW
Voltage frequency：400V/50Hz





220





# WL220-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL 220-CNG
Rated power..... 220 KW/ 275 KVA
Rated speed..... 1500 r/min
Rated voltage ..... 400V
Rated current ..... 396A
frequency .....50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽85dB(1m)
Start mode ..... electronic
Weight..... 2500 kg

### Engine parameters

Model ..... N6S9-CNG
Rated power.....300KW/1500r
Rated speed .....1500 r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 126*155mm
Displacement. .....11.6L
Compression ratio .....12:1
Exhaust temperature (before turbo) .....620±10℃
Gas valve group interface .....DN40
Control System ..... ECS control
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 80L
Oil capacity .....36L

### Alternator parameters

Model ..... FD4S-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... GEC 100B
Ignition controller ..... GEC 100B
AFR controller ..... LC601
Speed throttle. ..... OT961
Gas throttle ..... KZ45

### Cooling parameters

High temperature water volume .....16 $m^3$/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Intercooler volume (full load) ..... 695 $m^3$/h
Intercooler intake temperature ..... <120℃
Intercooler outlet temperature ..... <45℃

### Gas consumption(CNG)

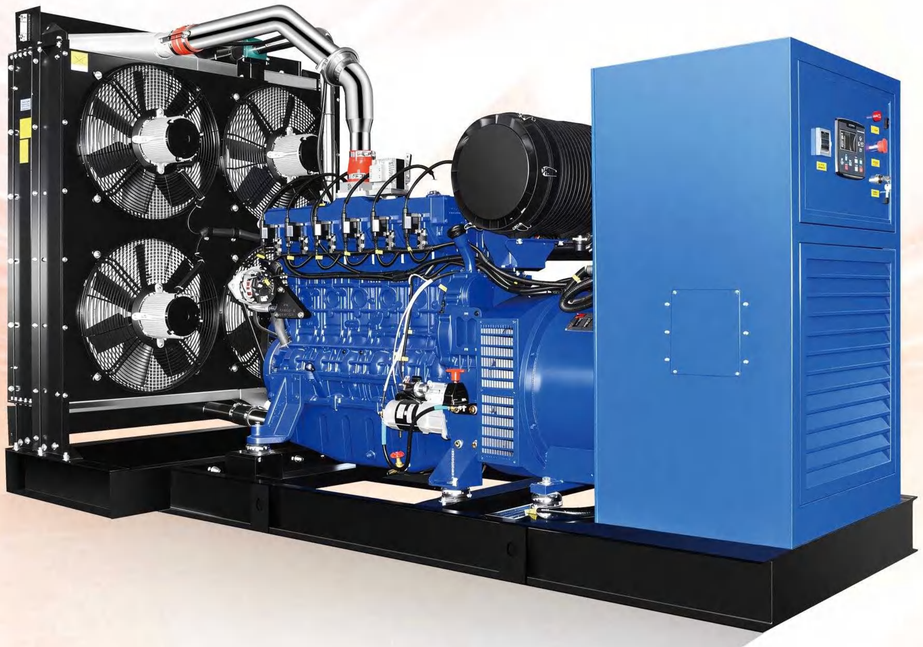
Load100% ..... 0.274 $m^3$/kw.h
Load75% ..... 0.298 $m^3$/kw.h
Load50% ..... 0.315 $m^3$/kw.h
Load25% ..... 0.382 $m^3$/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/$m^3$
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure .....1.5 bar
Gas inlet pressure ..... 10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL250-CNG

Natural gas/biogas generator set
Rated power：250KW
Voltage frequency：400V/50Hz



250

WL250-CNG





# WL250-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL250-CNG
Rated power..... 250KW/ 312 KVA
Rated speed..... 1500 r/min
Rated voltage ..... 400V
Rated current ..... 450A
frequency .....50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽90dB(1m)
Start mode ..... electronic
Weight..... 2700 kg

### Engine parameters

Model ..... WP13-CNG
Rated power.....288KW/1500r
Rated speed .....1500 r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 127*165mm
Displacement. .....12.6L
Compression ratio .....12:1
Exhaust temperature (before turbo) .....620±10℃
Gas valve group interface .....DN40
Control System ..... ECS control
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 85L
Oil capacity .....40L

### Alternator parameters

Model .....FD4M-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... GEC 100B
Ignition controller ..... GEC 100B
AFR controller ..... LC601
Speed throttle. ..... OT961
Gas throttle ..... KZ45

### Cooling parameters

High temperature water volume .....16m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Intercooler volume (full load) ..... 688m³/h
Intercooler intake temperature ..... <120℃
Intercooler outlet temperature ..... <45℃

### Gas consumption(CNG)

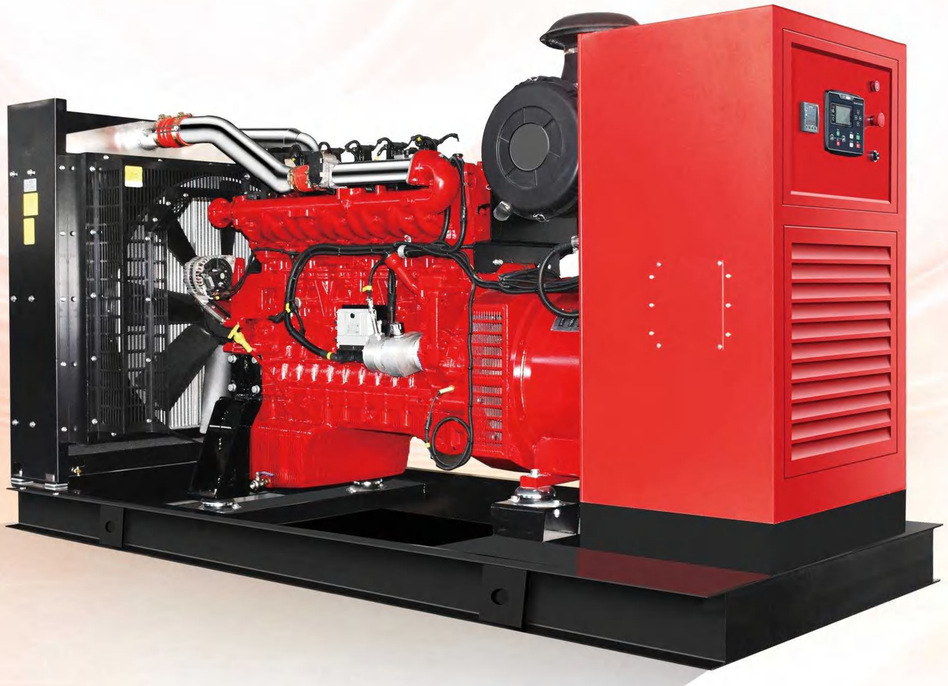
Load100% ..... 0.286 m³/kw.h
Load75% ..... 0.309 m³/kw.h
Load50% ..... 0.328 m³/kw.h
Load25% ..... 0.389 m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure .....1.5 bar
Gas inlet pressure ..... 3~10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL250-CNG

Natural gas/biogas generator set
Rated power：250KW
Voltage frequency：400V/50Hz



250

WL250-CNG



DATONG AUTOSUN POWER CONTROL CO.,LTD

# WL250-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL250-CNG
Rated power..... 250KW/ 312 KVA
Rated speed..... 1500 r/min
Rated voltage ..... 400V
Rated current ..... 450A
frequency .....50Hz
Power factor ..... 0.8(滞后)
Electrical efficiency..... ⩾39%
Noise ..... ⩽90dB(1m)
Start mode ..... 电子
Weight..... 2700 kg

### Engine parameters

Model .....15NG2-CNG
Rated power.....300KW/1500r
Rated speed .....1500 r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 135*169mm
Displacement .....14.5L
Compression ratio .....12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface ..... DN40
Control System ..... ECS control
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 85L
Oil capacity ..... 45L

### Alternator parameters

Model ..... FD4M-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... GEC 100B
Ignition controller ..... GEC 100B
AFR controller ..... LC601
Speed throttle. ..... KZ65
Gas throttle ..... KZ45

### Cooling parameters

High temperature water volume .....18m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Intercooler volume (full load) ..... 685 m³/h
Intercooler intake temperature ..... <120℃
Intercooler outlet temperature ..... <45℃

### Gas consumption(CNG)

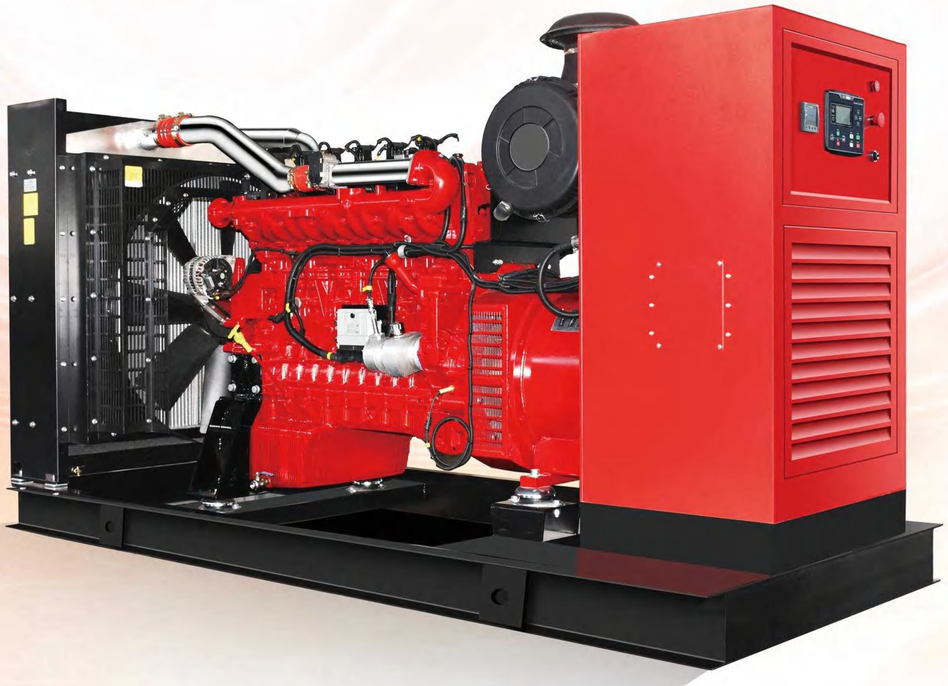
Load100% ..... 0.274 m³/kw.h
Load75% ..... 0.309 m³/kw.h
Load50% ..... 0.328 m³/kw.h
Load25% ..... 0.398 m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure .....1.5 bar
Gas inlet pressure ..... 3~10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL300-CNG

Natural gas/biogas generator set
Rated power：300KW
Voltage frequency：400V/50Hz



300





# WL300-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL300-CNG
Rated power..... 300KW/ 375 KVA
Rated speed..... 1500 r/min
Rated voltage ..... 400V
Rated current ..... 540A
frequency .....50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽90dB(1m)
Start mode ..... electronic
Weight..... 2850 kg

### Engine parameters

Model .....15NG3-CNG
Rated power.....330KW/1500r
Rated speed .....1500 r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 135*169mm
Displacement .....14.5L
Compression ratio .....12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface .....DN40
Control System ..... ECS control
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 85L
Oil capacity ..... 45L

### Alternator parameters

Model ..... FD4L-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... GEC 100B
Ignition controller ..... GEC 100B
AFR controller ..... LC601
Speed throttle. ..... KZ65
Gas throttle ..... KZ45

### Cooling parameters

High temperature water volume .....18m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Intercooler volume (full load) ..... 754 m³/h
Intercooler intake temperature ..... <120℃
Intercooler outlet temperature ..... <45℃

### Gas consumption(CNG)

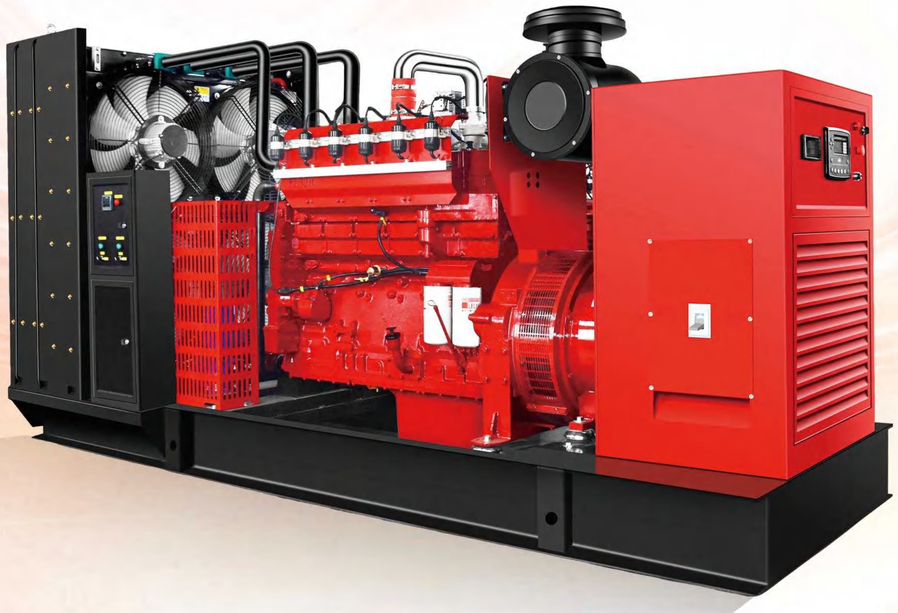
Load100% ..... 0.265 m³/kw.h
Load75% ..... 0.284 m³/kw.h
Load50% ..... 0.302 m³/kw.h
Load25% ..... 0.373 m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure .....1.5 bar
Gas inlet pressure ..... 3~10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL350-CNG

Natural gas/biogas generator set
Rated power：350KW
Voltage frequency：400V/50Hz



350





# WL350-CNG
## Main technical parameters

### Generator set parameters

Model ..... WL350-CNG
Rated power..... 350KW/ 437.5 KVA
Rated speed..... 1500 r/min
Rated voltage ..... 400V
Rated current ..... 630A
frequency .....50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽95dB(1m)
Start mode ..... electronic
Weight..... 3700 kg

### Engine parameters

Model ..... K19G4-CNG
Rated power.....400KW/1500r
Rated speed .....1500 r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 159*159mm
Displacement .....18.9L
Compression ratio .....12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface .....DN50
Control System ..... ECS control
Oil consumption rate ..... ⩽ 0.3 g/kw.h
Coolant capacity (including radiator) ..... 200L
Oil capacity ..... 65L

### Alternator parameters

Model ..... FD5S-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... OT3120A
Ignition controller ..... GD6A
AFR controller ..... LC601
Speed throttle. ..... OT961
Gas throttle ..... KZ55

### Cooling parameters

High temperature water volume ..... 24m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Low temperature water volume .....15m³/h
Low temperature water inlet(±2%) ..... 38℃
Low temperature water outlet(±2%)..... 40℃

### Gas consumption(CNG)

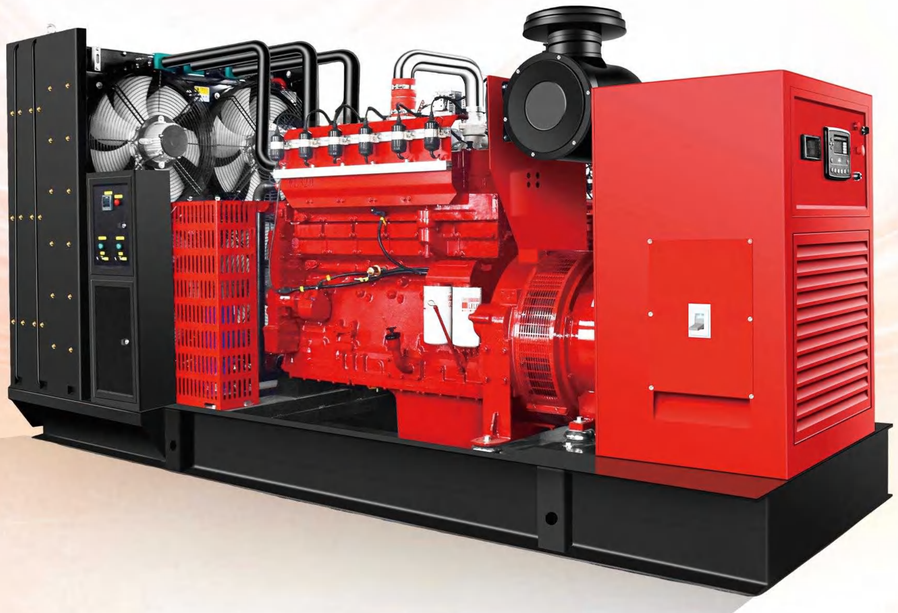
Load100% ..... 0.272 m³/kw.h
Load75% ..... 0.294 m³/kw.h
Load50% ..... 0.311 m³/kw.h
Load25% ..... 0.378 m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure .....1.5 bar
Gas inlet pressure ..... 3~10 kpa
Exhaust back pressure ..... <5 kpa
Altitude ..... 900 m
Absolute atmospheric pressure..... 98.4 kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL400-CNG

Natural gas/biogas generator set
Rated power：400KW
Voltage frequency：400V/50Hz



400





# WL400-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL400-CNG
Rated power..... 400KW/500KVA
Rated speed..... 1500r/min
Rated voltage ..... 400V
Rated current ..... 720A
frequency .....50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽95dB(1m)
Start mode ..... electronic
Weight..... 3800kg

### Engine parameters

Model ..... K19G5-CNG
Rated power..... 445KW/1500r
Rated speed ..... 1500r/min
Cylinders ..... 6
Model ..... L type, four-stroke, water-cooled
Intake form .....Exhaust gas turbo
Bore size*stroke .....159*159mm
Displacement ..... 8.9L
Compression ratio .....12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface .....DN50
Control System .....ECS control
Oil consumption rate ..... ⩽0.3g/kw.h
Coolant capacity (including radiator) ..... 200L
Oil capacity ..... 65L

### Alternator parameters

Model ..... FD5M-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... OT3120A
Ignition controller ..... GD6A
AFR controller ..... LC601
Speed throttle. ..... OT961
Gas throttle ..... KZ55

### Cooling parameters

High temperature water volume .....24 $m^3$/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Low temperature water volume .....15 $m^3$/h
Low temperature water inlet(±2%) ..... 38℃
Low temperature water outlet(±2%)..... 40℃

### Gas consumption(CNG)

Load100% ..... 0.272$m^3$/kw.h
Load75% ..... 0.294$m^3$/kw.h
Load50% ..... 0.311$m^3$/kw.h
Load25% ..... 0.378$m^3$/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/$m^3$
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity .....＜60%
Gas tank outlet pressure ..... 1.5bar
Gas inlet pressure .....10kpa
Exhaust back pressure ..... ＜5kpa
Altitude ..... 900m
Absolute atmospheric pressure..... 98.4kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL500-CNG

Natural gas/biogas generator set
Rated power：500KW
Voltage frequency：400V/50Hz



500





# WL500-CNG
## Main technical parameters

### Generator set parameters

Model ..... WL500-CNG
Rated power..... 500KW/625KVA
Rated speed..... 1500r/min
Rated voltage ..... 400V
Rated current ..... 900A
frequency .....50Hz
Power factor ..... 0.8(滞后)
Electrical efficiency..... ⩾39%
Noise ..... ⩽95dB(1m)
Start mode ..... electronic
Weight..... 5300kg

### Engine parameters

Model ..... K38G6-CNG
Rated power..... 650KW/1500r
Rated speed ..... 1500r/min
Cylinders ..... 12
Model ..... V type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 159*159mm
Displacement .....37.8L
Compression ratio ..... 12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface .....DN65
Control System ..... ECS control
Oil consumption rate ..... ⩽0.3g/kw.h
Coolant capacity (including radiator) ..... 280L
Oil capacity .....135L

### Alternator parameters

Model ..... FD5L-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....93%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... OT3120D
Ignition controller ..... GD12A
AFR controller ..... LC601
Speed throttle. ..... KZ85
Gas throttle ..... KZ65

### Cooling parameters

High temperature water volume ..... 45m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Low temperature water volume ..... 18m³/h
Low temperature water inlet(±2%) ..... 38℃
Low temperature water outlet(±2%)..... 40℃

### Gas consumption(CNG)

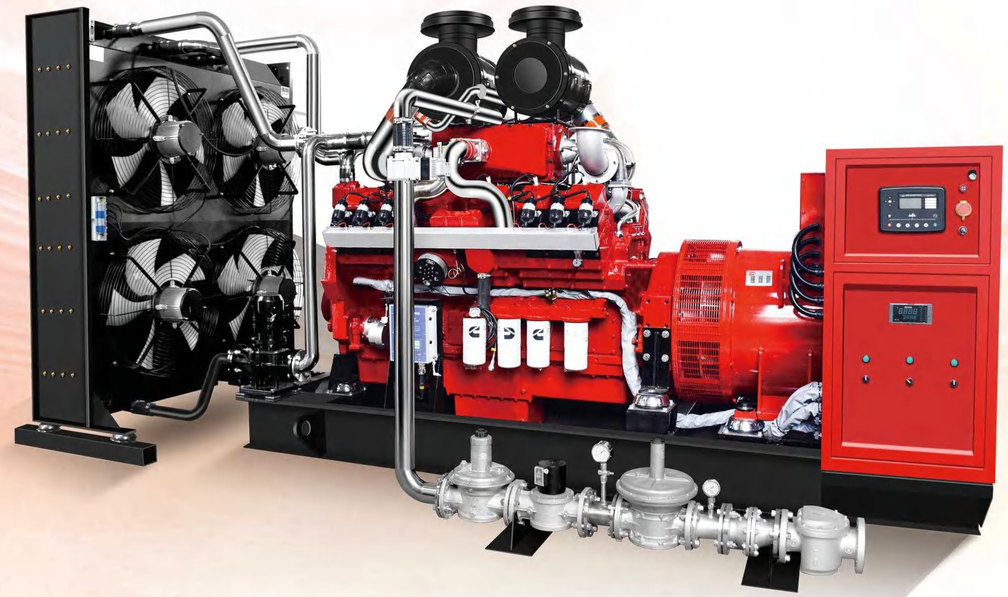
Load100% ..... 0.275m³/kw.h
Load75% ..... 0.310m³/kw.h
Load50% ..... 0.328m³/kw.h
Load25% ..... 0.388m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity .....<60%
Gas tank outlet pressure ..... 1.5bar
Gas inlet pressure .....10kpa
Exhaust back pressure ..... <5kpa
Altitude ..... 900m
Absolute atmospheric pressure..... 98.4kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL700-CNG

Natural gas/biogas generator set
Rated power：700KW
Voltage frequency：400V/50Hz



700





# WL700-CNG

## Main technical parameters

### Generator set parameters

| | |
|---|---|
| Model | WL700-CNG |
| Rated power | 700KW/875KVA |
| Rated speed | 1500r/min |
| Rated voltage | 400V |
| Rated current | 1260A |
| frequency | 50Hz |
| Power factor | 0.8(LAG) |
| Electrical efficiency | ⩾39% |
| Noise | ⩽95dB(1m) |
| Start mode | electronic |
| Weight | 5600kg |

### Engine parameters

| | |
|---|---|
| Model | K38G7-CNG |
| Rated power | 800KW/1500r |
| Rated speed | 1500r/min |
| Cylinders | 12 |
| Model | V type, four-stroke, water-cooled |
| Intake form | Exhaust gas turbo |
| Bore size*stroke | 159*159mm |
| Displacement | 37.8L |
| Compression ratio | 12:1 |
| Exhaust temperature (before turbo) | 620±10℃ |
| Gas valve group interface | DN65 |
| Control System | ECS control |
| Oil consumption rate | ⩽0.3g/kw.h |
| Coolant capacity (including radiator) | 280L |
| Oil capacity | 135L |

### Alternator parameters

| | |
|---|---|
| Model | FD6B-4 |
| Excitation mode | Brushless |
| Insulation level | H |
| Protection level | IP23 |
| Efficiency | 93% |

### Genset control system

| | |
|---|---|
| Control module | DSE/ComAp/SmartGen |
| Speed controller | OT3120D |
| Ignition controller | GD12A |
| AFR controller | LC601 |
| Speed throttle. | KZ85 |
| Gas throttle | KZ65 |

### Cooling parameters

| | |
|---|---|
| High temperature water volume | 45m³/h |
| High temperature water inlet(±2%) | 65℃ |
| High temperature water outlet(±2%) | 78℃ |
| Low temperature water volume | 18m³/h |
| Low temperature water inlet(±2%) | 38℃ |
| Low temperature water outlet(±2%) | 40℃ |

### Gas consumption(CNG)

| | |
|---|---|
| Load100% | 0.273m³/kw.h |
| Load75% | 0.303m³/kw.h |
| Load50% | 0.325m³/kw.h |
| Load25% | 0.387m³/kw.h |

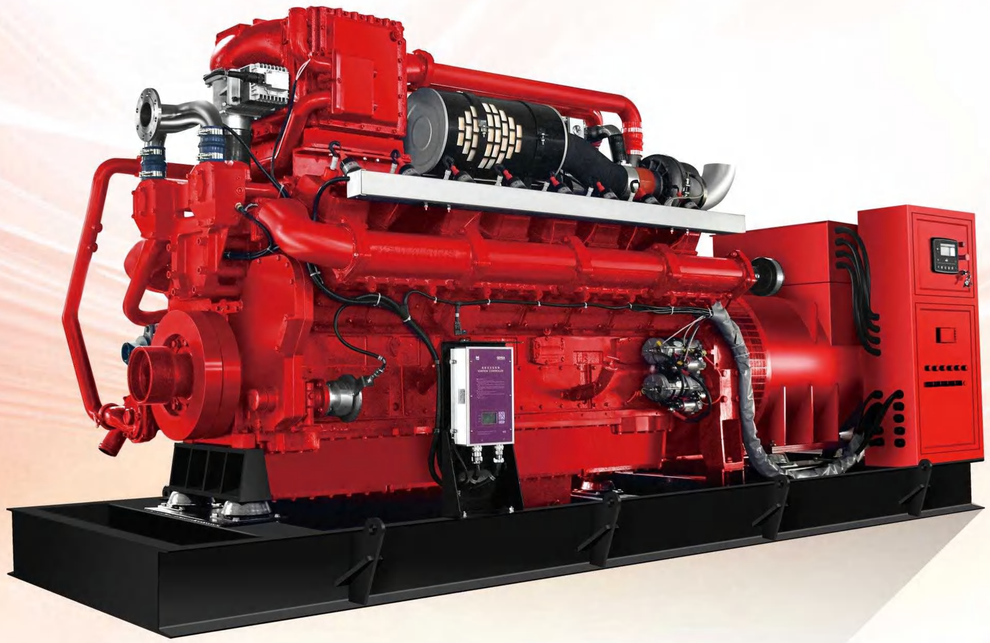
### Test Conditions

| | |
|---|---|
| Gas calorific value | 8400 calories/m³ |
| Gas composition | $CH_4$⩾92% |
| Gas temperature | 10~30℃ |
| Gas humidity | <60% |
| Gas tank outlet pressure | 1.5bar |
| Gas inlet pressure | 10kpa |
| Exhaust back pressure | <5kpa |
| Altitude | 900m |
| Absolute atmospheric pressure | 98.4kpa |
| Temperature | 20℃ |
| Relative humidity | ⩽30% |

Note: All data of the unit are measured under the above test environment.

# WL800-CNG

Natural gas/biogas generator set
Rated power：800KW
Voltage frequency：400V/50Hz



800





# WL800-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL800-CNG
Rated power..... 800KW/1000KVA
Rated speed..... 1500r/min
Rated voltage ..... 400V
Rated current .....1440A
frequency .....50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽95dB(1m)
Start mode ..... electronic
Weight..... 9200kg

### Engine parameters

Model ..... K50G8-CNG
Rated power..... 1000KW/1500r
Rated speed ..... 1500r/min
Cylinders ..... 16
Model ..... V type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 159*159mm
Displacement ..... 50.4L
Compression ratio .....12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface .....DN80
Control System ..... ECS control
Oil consumption rate .....⩽0.3g/kw.h
Coolant capacity (including radiator) .....380L
Oil capacity .....185L

### Alternator parameters

Model ..... FD6C-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency .....95%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... OT3120A
Ignition controller ..... GD16A
AFR controller ..... LC601
Speed throttle. .....KZ120
Gas throttle ..... KZ85

### Cooling parameters

High temperature water volume ..... 60m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Low temperature water volume ..... 26m³/h
Low temperature water inlet(±2%) ..... 38℃
Low temperature water outlet(±2%)..... 40℃

### Gas consumption(CNG)

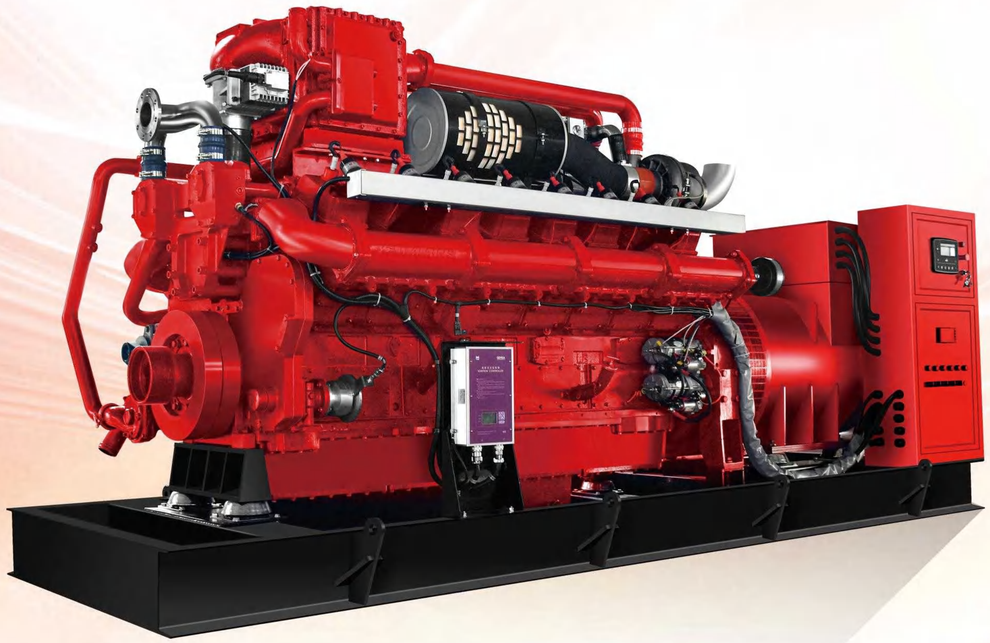
Load100% ..... 0.265m³/kw.h
Load75% ..... 0.287m³/kw.h
Load50% ..... 0.315m³/kw.h
Load25% ..... 0.376m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity .....＜60%
Gas tank outlet pressure ..... 1.5bar
Gas inlet pressure .....10kpa
Exhaust back pressure ..... ＜5kpa
Altitude ..... 900m
Absolute atmospheric pressure..... 98.4kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# WL1000-CNG

Natural gas/biogas generator set
Rated power：1000KW
Voltage frequency：400V/50Hz



1000





# WL1000-CNG

## Main technical parameters

### Generator set parameters

Model ..... WL1000-CNG
Rated power..... 1000KW/1250KVA
Rated speed..... 1500r/min
Rated voltage ..... 400 V
Rated current ..... 1800A
frequency ..... 50Hz
Power factor ..... 0.8(LAG)
Electrical efficiency..... ⩾39%
Noise ..... ⩽95dB(1m)
Start mode ..... electronic
Weight..... 9500kg

### Engine parameters

Model ..... K50G9-CNG
Rated power..... 1150KW/1500r
Rated speed ..... 1500r/min
Cylinders ..... 16
Model ..... V type, four-stroke, water-cooled
Intake form ..... Exhaust gas turbo
Bore size*stroke ..... 159*159mm
Displacement ..... 50.4L
Compression ratio ..... 12:1
Exhaust temperature (before turbo) ..... 620±10℃
Gas valve group interface ..... DN80
Control System ..... ECS control
Oil consumption rate ..... ⩽0.3g/kw.h
Coolant capacity (including radiator) ..... 380L
Oil capacity ..... 185L

### Alternator parameters

Model ..... FD6E-4
Excitation mode ..... Brushless
Insulation level ..... H
Protection level ..... IP23
Efficiency ..... 95%

### Genset control system

Control module ..... DSE/ComAp/SmartGen
Speed controller ..... OT3120A
Ignition controller ..... GD16A
AFR controller ..... LC601
Speed throttle. ..... KZ120
Gas throttle ..... KZ85

### Cooling parameters

High temperature water volume ..... 60m³/h
High temperature water inlet(±2%) ..... 65℃
High temperature water outlet(±2%) ..... 78℃
Low temperature water volume ..... 26m³/h
Low temperature water inlet(±2%) ..... 38℃
Low temperature water outlet(±2%)..... 40℃

### Gas consumption(CNG)

Load100% ..... 0.263m³/kw.h
Load75% ..... 0.284m³/kw.h
Load50% ..... 0.313m³/kw.h
Load25% ..... 0.372m³/kw.h

### Test Conditions

Gas calorific value ..... 8400 calories/m³
Gas composition ..... $CH_4$⩾92%
Gas temperature ..... 10~30℃
Gas humidity ..... <60%
Gas tank outlet pressure ..... 1.5bar
Gas inlet pressure ..... 10kpa
Exhaust back pressure ..... <5kpa
Altitude ..... 900m
Absolute atmospheric pressure..... 98.4kpa
Temperature ..... 20℃
Relative humidity ..... ⩽30%
Note: All data of the unit are measured under the above test environment.

# DEVELOPMENT HISTORY

## 2002

Shanxi Yun Sida Technology Co., Ltd

## 2004

Datong Autosun Power Control Co.,LTD

## 2010

After years of development, Autosun Power Control Co., Ltd. has grown into a professional technology enterprise specializing in the research, production, and sales of gas generator sets and engine electronic control systems. Our products have been sold both domestically and internationally, earning recognition from customers in over 20 countries worldwide.

## 2024

The annual gross domestic product reaches 60 million yuan. 16 new automated production lines for electronic speed controllers and control systems have been added, with an annual production capacity of 200000 sets of electronic speed controllers.

## 2025

The sales amount exceeded 80 million yuan, significantly increasing the market share of gas generators in the international market.

## 2026

We actively research and develop new technologies to improve the power generation efficiency of gas-fired generators, and practice the requirements of energy conservation, emission reduction, and clean power generation. At the same time, we are committed to replacing similar imported products with supporting products such as gas electronic control systems, achieving a market share of no less than 50%.