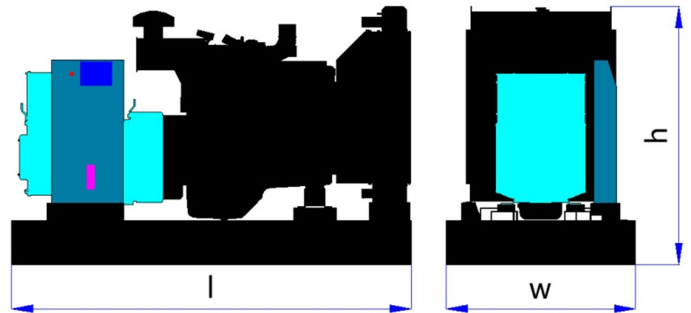


RN-CT Series GAS Generator Set

Main Data

Rated Power: 200kVA/160kW
Speed/Frequency: 1500rpm/50Hz
Voltage classes: 400/230V
Power factor: 0.8
Rated current: 289A
Starting mode: 24V/DC electrical starting
Steady voltage regulation: $\leq \pm 1\%$
Transient voltage regulation: $-15\% \leq \delta u \leq +20\%$
Voltage regulation range: $\pm 5\%$
Voltage wave motion rate: $\leq \pm 1\%$
Voltage recovery time: $\leq 4s$
Steady frequency regulation: $\leq \pm 0.5\%$
Transient frequency regulation: $-15\% \leq \delta f \leq +10\%$
Frequency fluctuation rate: $\leq \pm 0.5\%$
Frequency steady time: $\leq 3s$



Weight and Dimensions

	Dimensions l×w×h(mm)	Weight (Kg)
Open Type:	2500*1050*1650	1950
Silent Type:		

Operating environment

Environment temperature	$\leq 40^{\circ}\text{C}$
Altitude	$\leq 1000\text{m}$
Relative humidity	$\leq 90\%$

Note:1. When the environment temperature is higher than 40°C or the altitude is more than 1000 meters, power will fall, need to correct.
2. Humidity is too large, need to make corresponding

Introduction

- Fuel requirements: Technical data is based on a calorific fuel value of 10 kWh/Nm³ for natural gas;
- Manufacturing standards: ISO8528-5、GB/T2820.5-2009、GB/T22343-2008;
- Every gas gensets have been pass the test under the load of 0%、25%、50%、75%、100% and the response ability of static, dynamic test, all the protection device and control system are pass strict inspection before they leave factory.

Main Data

Air intake way: Turbocharged - Intercooled

Cooling way: Closed cooling cycle

Cylinder /Arrangement: 6/L

Displacement: 8.9L

Bore: 114mm

Stroke: 145mm

Compression ratio: 10.5: 1

Rated RPM @50Hz: 1500rpm

Max. standby power @50Hz: 176kW

Governor: Electronic

Dimension (l×w×h) : 1128×740×1084mm

Weight: 702kg

Lubrication system

Oil consumption @100%load: ≤0.3 g/kWhr

Total oil capacity: 24 L

Min oil pressure: 100 ~ 600Kpa

Gas system

Gas type: natural gas

Gas supply pressure: 30~80kPa

main composition: ≥85%

Gas consumption: ≤47.1 m³/hr

Air intake system

Engine air flow: 254 liters/sec

Exhaust system

Exhaust gas flow: 634 liters/sec

Exhaust temperature: 580±25°C

Max back pressure: 76 mmHg

Cooling system

Radiator capacity: 12.3 liters(engine only)

Thermostat: 82-95°C

Outlet water temperature: 93°C

Max water temperature: 100°C

STAMFORD Generator

Type: UCI274H

Main Data

Manufacturer:	STAMFORD
Rated power:	200kVA/160kW
Voltage classes:	400/230V
Phase :	3
Power factor:	0.8
Excitation way:	Brushless SHUNT
Rated ambient temperature:	40°C

Performance data

Bearing number:	1
Poles:	4
Insulation class:	H
Temperature rise:	H
Protection:	IP23
Altitude:	≤1000m
Overspeed:	2250rpm
THD:	<5%
THF:	<2%
TIF:	<50

Note: We will separately provided if you need the more parameter.

Control Panel

Type: DSE7320



Controller introduction

DSE7320 genset controllers are used for genset automation and monitor control system of single unit to achieve automatic start/stop, data measure, alarm protection and “three remote” (remote control, remote measuring and remote communication). The controller adopts large liquid crystal display (LCD) and selectable Chinese, English or other languages interface with easy and reliable operation.

Standard configuration accessories

Fittings

- gas filter ※
- air filter ※
- oil filter ※
- battery、 battery cable
- outlet cabinet
- Industrial muffler
- bellows
- exhaust flange

- bend
- shock absorber

Data

- test report
- electrical schematic diagram
- instruction manual
- certification
- warranty card

Note: With ※ Is mounted on the set (the gas used for gas cooker,not equip wiht gas filter)

Optional accessories

- residential muffler
- exhaust pipe
- power cable
- battery charger
- maintenance-free storage battery
- space heater
- jacket heater
- oil heater
- ATS
- parallel operation
- grid Connection

- silent type generator set
- silent container genset

Spare

- gas filter
- air filter
- oil filter
- sparking plug

Other

- _____
- _____
- _____