



# **Guangdong Westinpower Co., Ltd**

## **RN384PT**

### Gas Generator Set Data Sheet

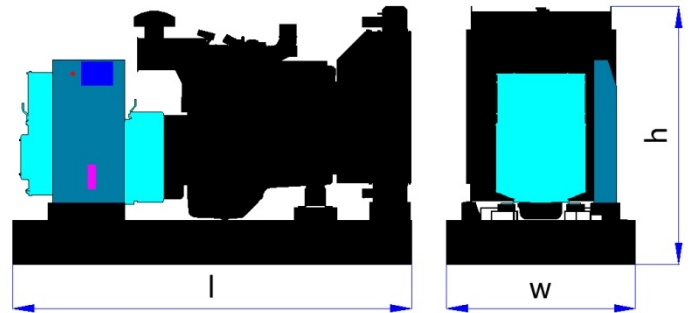


## RN-PT Series GAS Generator Set

Mode: RN384PT

### Main Data

Rated Power: 384kVA/307kW  
 Speed/Frequency: 1500rpm/50Hz  
 Voltage classes: 400/230V  
 Power factor: 0.8  
 Rated current: 554A  
 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:	3780*1720*2220	4960
Silent Type:		

### Operating environment

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

Note: 1. When the environment temperature is higher than  $40^{\circ}C$  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/Nm<sup>3</sup> 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.

## Westinpower Gas Engine

Model: 4006-23TRS1

### Main Data

Manufacturer: Perkins  
Air intake way: Turbo Charge Air Cooled  
Cooling way: Closed cooling cycle  
Cylinder /Arrangement: 6/L  
Displacement: 22.92L  
Bore: 160mm  
Stroke: 190mm  
Compression ratio: 12.0: 1  
Rated RPM @50Hz: 1500rpm  
Max. standby power @50Hz: 322kW  
Governor: Electronic  
Dimension(l×w×h): 2242×1400×1671mm  
Weight: 2420kg

### Lubrication system

Maximum to bearings: 105°C  
Total oil capacity: 122.7L  
Brake pressure pressure: 1124kPa

### Fuel system

Fuel type: Natural Gas  
Fuel supply pressure: 10~50kPa  
main composition: ≥92%  
Fuel consumption: 86Kg/hr

### Air intake system

Engine air flow: 22m<sup>3</sup>/min

### Exhaust system

Exhaust gas flow: 1444kg/hr  
Exhaust temperature: 750°C  
Max back pressure: 10.2KPa

### Cooling system

Coolant capacity: 36liters  
Thermostat: 83-95°C  
Max water temperature: 100°C

## Westinpower Gas Engine Features

- Mixer: Best air-fuel ratio adjustment, burn more fully.
- High energy and single cylinder ignition technology、Integrated prevent tempering device、The technology of supercharge and inter-cooling and lean-burn
- Low consumption ,low noise Energy conservation and environment protection.

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

## STAMFORD

Model: S4L1D-F41

### Main Data

Manufacturer: STAMFORD  
 Rated power: 380kVA/304kW  
 Voltage classes: 400/230V  
 Phase : 3  
 Power factor: 0.8  
 Excitation way : SELF EXCITED  
 AVR Type: AS440  
 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

Model: easYgen-1800



### Controller introduction

Operating voltage:12/24V

Operating current:12V 380mA  
24V 188mA

Operating temperature:-25°C~70°C

Relative humidity: (20-93) %RH

IP Rating: front IP65  
back IP20

Mounting-hole Size: 214×160mm  
Net: 0.85kg

## 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

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

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