

Guangdong Westinpower Co., Ltd

RP170XLGas Generator Set Data Sheet





RP-XL Series GAS Generator Set

Model: RP170XL

Main Data

Rated Power: 170kVA/136kW

Speed/Frequency: 1800rpm/60Hz

Voltage classes: 380/220V

Power factor: 0.8

Rated current: 258A

Starting mode: 24V/DC electrical starting

Steady voltage regulation: ≤±1%

Transient voltage regulation: - 15%≤δu≤+20%

Voltage regulation range: ±5%

Voltage wave motion rate: ≤±1%

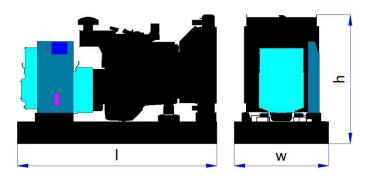
Voltage recovery time: ≤4s

Steady frequency regulation: ≤±0.5%

Transient frequency regulation: - 15%≤δf≤+10%

Frequency fluctuation rate: ≤±0.5%

Frequency steady time: ≤3s



Weight and Dimensions

Dimensions Weight I×w×h(mm) (Kg)

Open Type:

Silent Type: 3686*1256*2068

Operating environment

Environment temperature ≤40°C

Altitude ≤1000m

Relative humidity ≤90%

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 46.4MJ/kg for LPG;
- Manufacturing standards: ISO8528-5、GB/T2820.5-2009、 GB/T22343-2008;
- Every the response ability of static, dynamic test, all the protection device and control system are pass strict inspection before they leave factory. gas gensets have been pass the test under the load of 0%, 25%, 50%, 75%, 100%



Westinpower Gas Engine

Model: XD9.5H-LPG180

Main Data

Manufacturer: Westinpower

Air intake way: Turbocharged, air-to-air cold

Cooling way: Closed cooling cycle

Cylinder / Arrangement: 6/L

Displacement: 9.5L

Bore: 116.8mm

Stroke: 148mm

Compression ratio: 9.5:1

Rated RPM @60Hz: 1800rpm

Max. continuous power @60Hz: 180kW

Crankshaft rotation direction:anticlockwise

Weight: 790kg

Piston speed: 8.7m/s

Steady speed fluctuation rate: ±0.25%

Lubrication system

Total oil capacity: 27.6L

Max allowable oil temperature : 124°C

Oil pressure (rated speed) : 276~414kPa

Fuel system

Fuel type: LPG

Gas inlet pressure: 1Kpa before mixer

Gas consumption: ≤203g/kW.h

Intake system

Intake valve clearance:0.3mm

Exhaust valve clearance: 0.61mm

Max intake resistance (Clean filter): 6.2Kpa

Exhaust system

Supercharger outlet pressure: ≤200kPa

Exhaust temperature: 580°C

Max exhaust back pressure: 10kPa

Cooling system

Thermostat adjustment range: 82~93°C

Maximum coolant temperature: 104°C

Coolant capacity (engine only): 11.1L

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.



Leroy Somer Generator

Model:LSA44.3 VL13

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Main Data

Manufacturer: Leroy Somer

Rated power: 191kVA/152kW

Voltage classes: 380/220V

Phase: 3

Power factor: 0.8

Excitation way: AREP

AVR Type: D350

Rated ambient temperature: 40°C

Packing crate size: 953 x 572 x 648.6(mm)

Weight: 554kg

Performance data

Bearing number:

Poles: 4

Number of wires: 6

Insulation class: H

Temperature rise: F

Protection: IP23

Altitude: ≤1000m

Overspeed: 2250rpm

THD: <2% (no load)

TIF: <50

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

Control Panel



Controller introduction

Continuous voltage rating:5Vto35V

Maximum operating current: 530mA at12V Maximum standby current: 320mA at12V

Model: DSE8610

Charge fail range: 0Vto35V
Panel cut-out: 220×160mm
Dimension: 245*184*51mm
Maximum panel thickness: 8mm

Analogue inputs A to D Configurable as:

Negative switching digital input

0V to 10Vsensor 4mA to 20mA sensor 0Ω to 480Ω sensor



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

Optional accessories

□ residential muffler	☐ silent type generator set
□ exhaust pipe	☐ silent container genset
□ power cable	Spare
✓ battery charger	□ gas filter
✓ maintenance-free storage battery	□ air filter
□ space heater	□ oil filter
□ jacket heater	☐ sparking plug
□ oil heater	Other
□ ATS	
□ parallel operation	
☐ grid Connection	

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