

POWER YOUR FUTURE

Weichai Group Deutz LG100WP

WP6D132E201

Prime Power: 100KW/125KVA

Standby Power: 110KW/138KVA



GENERATING POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.
Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.

SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

Weichai Deutz 60Hz

50KVA--150KVA



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Technical Data



LG100WP

Model		LG100WP
Rated prime power	kva	125
Rated standard power	kva	138
Rated voltage line to line	V	220/127
Rated current	A	328
Maximun sound level	dB(@7m)	≤96

Engine-WEICHAH DEUTZ

Model		WP6D132E201
Aspiration		Turbocharged
Stroke		4
No. cylinders		6 in line
Displacement	Liquid	6.75
Bore*Stroke	mm	105*130
Compression ratio		18
Rated speed	r/min	1800
Rated net power(with fan)	Kw	120
Governor type		Electrical
Start Motor	V	24

Exhaust System

Exhaust gas flow	kg/h	≥730
Exhaust gas temp	°C	550
Max back pressure	kPa	6.5

Aspiration System

Min intake pipe diameter	mm	80
Air flow	kg/h	≥698

Fuel System

100% load(Prime power)	L/h	30
75% load(Prime power)	L/h	22.5
50% load(Prime power)	L/h	15
Fuel tank capacity	L	250

Lubrication System

Oil capacity	L	18
Oil consumption	g/kwh	≤205
Oil pressure	kPa	120-800
(continuous operation)		

Cooling System

Coolant capacity	L	8
Thermostat operation range	°C	83-98
Max water temperature	°C	96

Alternator

Model	LONGKAI	LK274D
	STAMFORD	UCI274D
Phase		3
Voltage	V	220/127
Wiring Type		3 Phase 4 wire, Y type
Bearing		1
Power factor		0.8
Frequency	Hz	60
Prime power	KVA	138
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEEPSEA

Model	DSE6120
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Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



Control Module Options



- Auto generator control module
- Control module with "Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

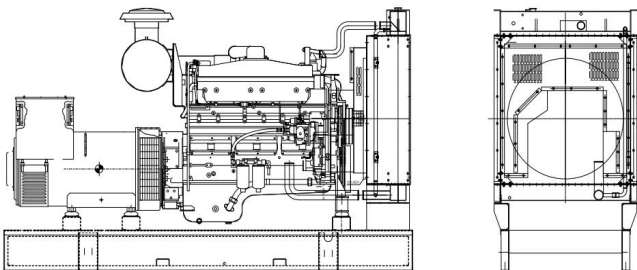
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Standard Features

Unit Dimensions(Basic unit)

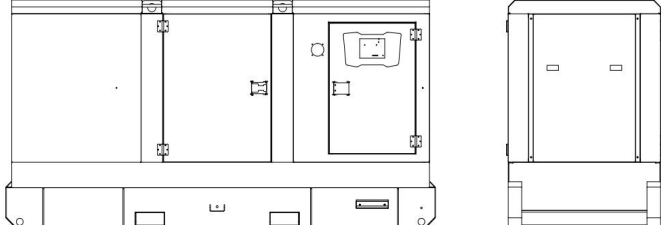
- Engine(Weichai Deutz)
- Radiator 50°C max,fans are driven by bel
- 24V charge alternator
- Alternator: single bearing alternator IP23, insulation class H/H
- Standard auto control system
- One set of air filter, fuel filter, oil filter
- Main line circuit breaker/MCCB
- Base fuel tank
- Two 24V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler
- User manual



Open Type		
L*W*H	mm	2350*900*1445
Weight	kg	1100

Options

- Battery charge
 - Engine heater
 - Alternator heater
 - PMG
 - Water oil separator
 - Daily fuel tank
 - Remote control panel
 - Automatic transfer switch/ATS
 - Switch box
- Standard: ● Options:○



Silent Type		
L*W*H	mm	3180*1130*1650
Weight	kg	1700

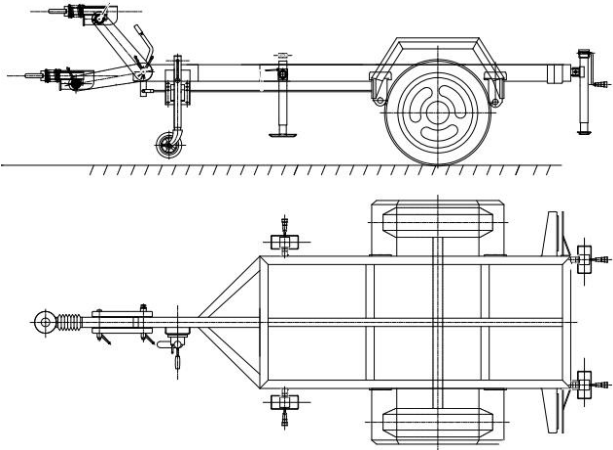
Warranty*

Weichai Deutz Engine

12 months from date of purchase and 1000 hours.

Generator

12 months from date of purchase or 1000 hours (whichever occurs first).



Trailer Option		
L*W*H	mm	4400*1900*950
Max loading weight	kg	1800



More information, pls refer to our web-site: www.longkaipower.com

Manufacturer reserves the right to make changes in model, technical specification, color, equipment and accessories without notice.