

**POWER YOUR FUTURE**

**Weichai Generator  
LG300WP**

**WP13D385E200**

**Prime Power: 300KW/375KVA**

**Standby Power: 330KW/413KVA**



## **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 Series**

**20KVA--600KVA**



**LONGKAI**

**FUAN LONGKAI POWER CO.,LTD.**

**Headquarters:**

Add: Wei 5 Road, Tiehu Industrial Zone, Fuan, Fujian, China

Tel: +86-0593-6309773 Fax: +86-0593-6586988

E-mail: sales@longkaipower.com

Web: www.longkaipower.com

## Technical Data

Model	LG300WP	
Rated prime power	kva	375
Rated standard power	kva	413
Rated voltage line to line	V	400/230
Rated current	A	541
Maximun sound level	dB(@7m)	≤100

### Engine-Weichai

Model	WP13D385E200	
Aspiration	Turbocharged and aftercooled	
Fuel system	mechanical pump	
No. cylinders	6 in line	
Displacement	Liquid	12.5
Bore*Stroke	mm	127*165
Compression ratio	16:01	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	350
Governor type	EFC Electrical	
Start Motor	V	24

### Exhaust System

Exhaust gas flow	L/s	1646
Exhaust gas temp	°C	580
Max back pressure	kPa	7.5

### Aspiration System

Max inlet pressure	kPa	≤3
Combustion volume	L/s	/
Air flow	L/s	1573

### Fuel System

100% load(Prime power)	L/h	73.3
75% load(Prime power)	L/h	/
50% load(Prime power)	L/h	/
Fuel tank capacity	L	780

### Lubrication System

Oil capacity	L	36
Oil consumption	g/kwh	0.2
Oil pressure	kPa	350-550
(continuous operation)		

### Cooling System

Coolant capacity	L	25
Thermostat operation range	°C	76-88
Max water temperature	°C	98

### Alternator

Model	LONGKAI	LK444FS
	STAMFORD	HCI444FS-S4L1D-E41/S4L1S-F4
Phase	3	
Voltage	V	400/230
Wiring Type	3 Phase 4 wire, Y type	
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	300
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

### Controller-DEESEA

Model	DSE6120MK3
-------	------------

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



### Standard Features

- Engine(WEICHAH GROUP)
- 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

### 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:○

### Warranty\*

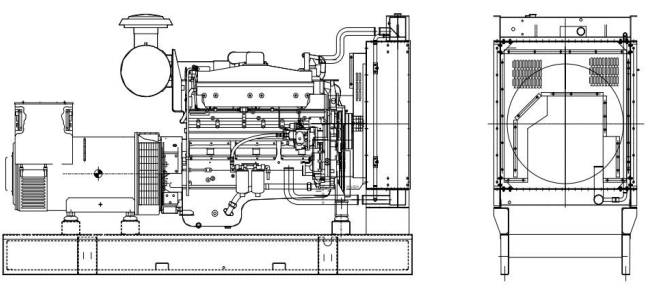
#### Weichai Engine

12 months from date of purchase and 1000 hours.

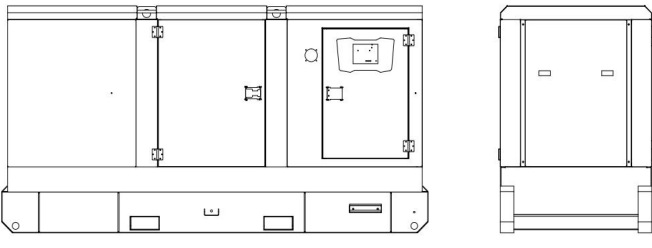
#### Generator

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

### Unit Dimensions(Basic unit)



<b>Open Type</b>		
L*W*H	mm	3400*1370*2150
Weight	kg	3900



<b>Silent Type</b>		
L*W*H	mm	4580*1650*2450
Weight	kg	4900



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.