Lonfa®
GENERATOR



TAIZHOU LONGFA MACHINERY CO.,LTD

Add: Industrial Zone, Huangyan, Taizhou, Zhejiang, China P.C:318000
Tel:0086-576-88809982 FAX:0086-576-88809981
Mobile & WhatsApp: 0086-13957638892
Skype: Longfapower QQ & Wechat: 418191048
Sales Dept. : David@longfapower.com
Service Dept. : Service@longfapower.com
Website: www.longfapower.com

Lonfa®
GENERATOR

BUILD NUMBER ONE SILENT GENERATOR

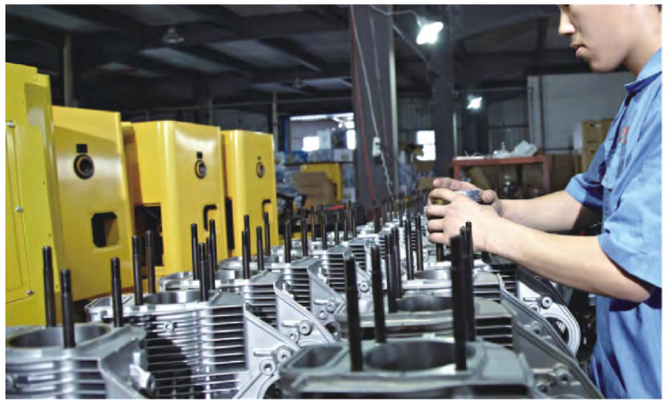


















COMPANY INTRODUCTION & BRAND STORY

LONFA is from reliable brand ANDI, which is established in beautiful seaside city of Taizhou Zhejiang,China,2003,professional in producing generator,water pump & engine. Owning self brands LONFA,ANDI,ANDITIGER,ELEFUJI etc. The products are favourable in Europe, Middle East, Africa, South East Asia, all over the world.

During the hard time of developing silent generators since factory established. Once a day, the founder went to visit a friend, when they were talking in the room, suddenly , the power stopped, the host started his back-up generator but full of noise. Immediately, a crying came from a sleeping baby, all people dropped in a mess. In that case, the founder brought a self-researched silent generator and started it, amazingly ,the baby stopped crying at once, the whole room became quiet, the baby slept again with smile. It seems like all people enjoyed the nice silent generator.

Since then, the founder firmed the faith—Build the number one silent generator!

Lonfa® GENERATOR

DIRECTORY

Gasoline Generator(950 TYPE)---------- 03-04

Inverter Generator ---------- 05

Gasoline Generator ELEFUJI ---------- 06

Gasoline Generator(154F/156F) ---------- 07-08

Gasoline Generator(1.5-6kW) ---------- 09-17

Gasoline Generator (V-TWIN) ---------- 18

Silent Gasoline Generator ---------- 19-20

Welding Generator ---------- 21-22

Diesel Generator---------- 23-26

Water Pump---------- 27-30

Engine---------- 31-32

Spare Parts ---------- 33-34



Gasoline Generator (950 TYPE)

- With self-made reliable engine and Strict Testing from spare parts to whole Machine,LONFA have superior durability with high performance -price ratio , it is number one silent gasoline generator.
- Two-stroke,high efficiency gasoline engine generator
- Light,compact,portable,easy to operate
- Economical,low fuel consumption for 8 hours running without refueling
- Overload protection for safe running
- Easy maintenance with brushless alternator electronic ignition
- Suitable for camping,lighting & small hand tools
- Any color can be offered



LF650/50

GASOLINE GENERATOR (950 TYPE)



LF650/950-A



LF650/950-B



LF650/950-C



LF650/950-D



LF650/950-E



LF650/950-F



LF650/950-G



LF650/950-H

All Above Designs Are Available For 400W-700W

Gasoline Generator (950 TYPE) Specification

NAME	ITEM	LF650		LF950			
Generator	Rating frequency(Hz) / 额定频率	50	60	50	60	50	60
	Rating Voltage(V) / 额定电压	110/120/220/230/240					
	Rating power(kVA) / 额定功率	0.40	0.45	0.50	0.55	0.60	0.65
	The Max.power(kVA) / 最大功率	0.45	0.50	0.55	0.60	0.65	0.70
	Power factor(cos ¢) / 功率因素	0.8/1.0					
Engine	Type / 型号	IE45F					
	Category / 种类	Single crock, air–cooled two–stroke gasoline engine / 单缸，风冷，两冲程汽油引擎					
	Exclusion of cylinder(cm^3) / 气缸排量	63					
	The Max.output power(k W/rpm) / 最大输出功率	1.5/3600					
	Start system / 启动方式	Recoil / 手动					
	Ignition system / 点火系统	CDI					
	Capacity of fuel tank(L) / 油箱容量	4					
	Consumption of fuel(L/h) / 燃油消耗量	0.57					
	Consecutive Working(h) / 连续工作时间	7					
	Noise(at7m)(dB) / 噪音	62					
Dimension	Set dimension(mm) / 尺寸	360x315x315					
	Net weight(kg) / 净重	18		19		20	

ALL ABOVE DESIGNS ARE AVAILABLE FOR 400W-700W

INVERTER GENERATOR



LF10I



LF20I



LF30I



LF70I

Inverter Generator Specification

Model		LF10I	LF20I	LF30I	LF70I
Frequency (Hz)		50/60			
Rated output (kVA)		0.9	1.6	2.6	6.5
Max.output (kVA)		1	2	2.8	7
Rated voltage (V)		II 0/120/220/230/240			
Rated rotation speed (r/min)		5500	4500	3600	3600
Generator	Model	Inverter generator			
	Phase No.	Single			
	Power factor (COS)	0.8/1.0			
Engine	Engine model	144F	149F	170F	kohler CH440/190F
	Engine type	Single-cylinder,4-stroke,force-air-cooled,OHV			
	Bore*stroke (mm)	43.5x36	48.6x43	70x45	89x66
	Displacement (cc)	50	79	208	429/439
	Rated power (kW/frtn)	1.3/5500	2.35/4500	3.2/3600	8.5/3600,9.0/3600
	Ignition system	TCI			
	Starting system	Recoil	Recoil & Electric starting		
	Oil capacity (L)	0.25	0.41	1.1	1.3/1.1
	Cooling system	Force-air-cooled			
Noise level (dB(Ay7m/r)		≤54-58	≤61	≤71	≤71
Fuel tank capacity(L)		3.6	4.2	7.8	25
Continuous running time(hr/rated load)		7	4	9	7
Overall dimension (L*W*H)(mm)		451x242x379	451x242x379	600x450x450	600x450x500
Net weight (kg)		14	20	35	80

GASOLINE GENERATOR ELEFUJI



SH950(Specification on page04)



SH1900DX



SH2900DX/DXE



SH3200/3900/5300/6500/7600EX(EXS)

All Above Designs Are Available For 0.4kW-6.0kW

Gasoline Generator ELEFUJI Specification

NAME	ITEM	ELEFUJI1900/2900/3200/3900/5300/6500/7600													
Generator	Rating frequency(Hz)/额定频率	50	60	50	60	50	60	50	60	50	60	50	60	50	60
	Rating Voltage(V) / 额定电压	110/120/220/230/240													
	Rating power(kVA) / 额定功率	1.5	1.8	2	2.5	2.5	2.7	2.8	3.6	4	4.5	5	5.5	6	6.5
	The Max.power(kVA) / 最大功率	1.7	2.0	2.2	2.7	2.7	3	3	4.2	4.8	5	5.5	6	6.5	7
	Power factor(cos ϕ) / 功率因数	0.8/1.0													
Engine	Type / 型号	168F		168F-1		170F		170F		188F		188F		190F	
	Model / 型号	5.5HP		6.5HP		7.0HP		7.0HP		13.0HP		13.0HP		15.0HP	
	Category / 种类	Single crock,Force air–cooled,four–stroke,top–installed gasoline engine单缸，风冷，四冲程，汽油引擎													
	Exclusion of cylinder(cm^3) / 气缸排量	163		196		210		210		389		389		407	
	The Max.output power(kW/rpm) / 最大输出功率	4.8/3600		4.8/3600		5.7/3600		5.7/3600		9.5/3600		9.5/3600		11.0/3600	
	Ignition system/点火系统	Transistorized magneto/无触点晶体管点火													
	Start system /启动方式	Recoil/E–start 手动/电动													
	Capacity of fuel tank(L)/油箱容量	15		15		15		15		25		25		25	
	Consumption of fuel(L/h)/燃油消耗量	1.02		1.32		1.38		1.38		2.45		2.7		2.95	
	Consecutive Working(h)/连续工作时间	13		13		13		13		10		9		8	
	Noise(at7m)(dB)/噪音	65		65		65		69		72		74		78	
	Capacity of engine oil / 润滑油加注量	0.6								1.1					
Dimension	Set dimension(mm) /尺寸	615×435×455		615×435×455		615×435×455		615×435×455		670×510×510		670×510×510		692×522×545	
	Net weight(kg) / 净重	37.5		39		40		42		78		80		85	
Standard Equipment	Large capacity fuel tank,large capacity muffler,fuel gauge,voltmeter,AVR,oil alert,AC circuit breaker 大油箱，大消声器，燃油面指示器，电压表，自动电压调整器，机油报警器，交流断路器														
Purchasing	Four–wheel dolly kit /四 轮子	Yes													



Lonfa GENERATOR

Gasoline Generator (154F/156F)

- With self-made reliable engine and Strict Testing from spare parts to whole Machine,LONFA have superior durability with high performance -price ratio , it is number one silent gasoline generator.
- Four-stroke,high efficiency gasoline engine generator
- Light,compact,portable,easy to operate
- Economical,low fuel consumption for 8 hours running Without refueling
- Overload protection for safe running
- Easy maintenance with brushless alternator electronic ignition
- Suitable for camping,lighting & small hand tools
- Any color can be offered

LF1500

Lonfa GENERATOR

GASOLINE GENERATOR (154F/156F)



LF1500-A



LF1500-B



LF1500-C



LF1500-D



LF1500-E



LF1500-F

All Above Designs Are Available For 0.8kW-1.2kW

Gasoline Generator (154F/156F) Specification

NAME	ITEM	LF1500-F			
Generator	Rating frequency(Hz) / 额定频率	50		60	
	Rating Voltage(V) / 额定电压	110/120/220/230/240			
	Rating power(kVA) / 额定功率	0.8	0.9	0.9	1.1
	The Max.power(kVA) / 最大功率	0.9	1	1	1.2
	Power factor(cos ¢) / 功率因数	0.8/1.0			
Engine	Engine Model / 引擎型号	154F/156F			
	Model / 型号马力	3HP			
	Category / 种类	Single crock,force air-cooled,four-stroke,top-installed gasolinre engine / 单缸，风冷，四冲程，汽油引擎			
	Exclusion of cylinder(cm^3) /气缸排量	87			
	Displacement(cc) / 排量	80.7			
	The Max.output power(kW/rpm) / 最大输出功率	2.2/3600			
	Ignition system / 点火系统	Transistorized magneto / 无触点晶体管点火			
	Start system / 启动方式	Recoil / 手动			
	Min.Fuel Consumption(g/kW.h) / 最小燃油消耗量	290			
	Capacity of fuel tank (L) / 油箱容量	6			
	Consumption of fuel(L/h) /燃油消耗量	0.63			
	Consecutive Working(H) / 连续工作时间	9			
Dimension	Capacity of engine oil(L) /润滑油加注量	0.4			
	Noise (at7m)(db) / 噪音	62			
	Set dimension(mm) / 尺寸	460x370x370			
	Net weight(kg) / 净重	29		30	

ALL ABOVE DESIGNS ARE AVAILABLE FOR 0.8KW-1.2KW



Lonfa®
GENERATOR

Gasoline Generator(1.5-6kW)

- With self-made reliable engine and Strict Testing from spare parts to whole Machine,LONFA have superior durability with high performance -price ratio , it is number one silent gasoline generator.
- Hand start(recoil)/Key start with battery is optional
- Muffler/Silencer with low noise,Motorcycle silencer is optional Cast iron camshaft,High Quality Carburetor
- Best quality Crankcase
- Galvanized shining screw,A++grade piston
- Strong Carton Packing, inside with Foam and Wood
- Single-phase or Three-phase is optional New type Volt-meter & Current -meter,with double protection panel

LF3700

Lonfa®
GENERATOR

GASOLINE GENERATOR(1.5-6kW)



LF3700-A



LF3700-B



LF3700-C



LF3700-D



LF3700-E



LF3700-F





LF3200-A



LF3200-B



LF3200-C



LF3200-D

Lonfa®
GENERATOR

GASOLINE GENERATOR(1.5-6kW)



LF3800-A(KEROSENE GENERATOR)



LF3800-B(KEROSENE GENERATOR)



LF3800-C



LF3800-D



LF3800E



LF3800-F





LF4500E-A



LF4500E-B



LF4500-C



LF4500E-D

Lonfa GENERATOR

GASOLINE GENERATOR(1.5-6kW)



LF5000-A



LF5000-B



LF5000-C



LF5000-D



LF5000-E



LF5000-F

Lonfa GENERATOR

GASOLINE GENERATOR(1.5-6kW)



LF6000-A



LF6000-B



LF6000-C



LF6000-D



LF6000-E



LF6000-F





LF2700-A



LF2700-B



LF2700-C



LF2700-D



GASOLINE GENERATOR (V-TWIN)



LF2500-A



LF2500-B

All Above Designs Are Available For 1.5kW-6kW

Gasoline Generator (1.5kW-6kW) Specification

NAME	ITEM	(1.5kW-6kW) GASOLINE GENERATOR													
Generator	Rating frequency(Hz)/额定频率	50	60	50	60	50	60	50	60	50	60	50	60	50	60
	Rating Voltage(V) / 额定电压	110/120/220/230/240													
	Rating power(kVA) / 额定功率	1.5	1.8	2	2.5	2.5	2.7	2.8	3.6	4	4.5	5	5.5	6	6.5
	The Max.power(kVA) / 最大功率	1.7	2.0	2.2	2.7	2.7	3	3	4.2	4.8	5	5.5	6	6.5	7
	Power factor(cos ¢)/ 功率因数	0.8/1.0													
Engine	Type / 型号	168F		168F-1		170F		170F		188F		188F		190F	
	Model / 型号	5.5HP		6.5HP		7.0HP		7.0HP		13.0HP		13.0HP		15.0HP	
	Category / 种类	Single crock,Force air-cooled,four-stroke,top-installed gasoline engine单缸，风冷，四冲程，汽油引擎													
	Exclusion of cylinder(cm^3) / 气缸排量	163		196		210		210		389		389		407	
	The Max.output power(kW/rpm) / 最大输出功率	4.8/3600		4.8/3600		5.7/3600		5.7/3600		9.5/3600		9.5/3600		11.0/3600	
	Ignition system/点火系统	Transistorized magneto/无触点晶体管点火													
	Start system /启动方式	Recoil/E-start 手动/电动													
	Capacity of fuel tank(L)/油箱容量	15		15		15		15		25		25		25	
	Consumption of fuel(L/h)/燃油消耗量	1.02		1.32		1.38		1.38		2.7		2.7		2.95	
	Consecutive Working(h)/连续工作时间	13		13		13		13		9		9		8	
	Noise(at7m)(dB)/噪音	65		65		65		69		72		74		78	
	Capacity of engine oil / 润滑油加注量	0.6								1.1					
Dimension	Set dimension(mm) /尺寸	615×435×455		615×435×455		615×435×455		615×435×455		670×510×510		670×510×510		692×522×545	
	Net weight(kg) / 净重	37.5		39		40		42		78		80		85	
Standard Equipment	Large capacity fuel tank,large capacity muffler,fuel gauge,voltmeter,AVR,oil alert,AC circuit breaker 大油箱，大消声器，燃油面指示器，电压表，自动电压调整器，机油报警器，交流断路器														
Purchasing	Four-wheel dolly kit /四 轮子	Yes													



SHT11500-A



SHT11500-B



SHT20000

Gasoline Generator (V-TWIN) Specification

NAME	ITEM	GASOLINE GENERATOR(V-TWIN)									
Generator	Rating frequency(Hz)/额定频率	50	60	50	60	50	60	50	60	50	60
	Rating Voltage(V) / 额定电压	110/120/220/230/240									
	Rating power(kVA) / 额定功率	8.5	9.5	9.5	10.5	10.5	11.5	13	14.4	16	18
	The Max.power(kVA) / 最大功率	9.5	10.5	10.5	11.5	11.5	12.8	14.5	16	18	20
	Power factor(cos ¢)/ 功率因数	0.8/1.0									
Engine	Type/型号	GX620		GX620		GX670		GX670		B& S31HP	
	Category/种类	Single crock, Force air-cooled four-stroke, top-installed gasoline engine/单缸，风冷，四冲程。									
	Exclusion of cylinder(cm^3)/气缸排量	614		614		627		627		895	
	The Max.output power(kW/rpm) / 最大输出功率	16.0/3000		18.0/3600		18.0/3000		21.5/3600		22.0/3000	
	Ignition system/点火系统	Transistorized magneto / 无触点晶体管点火									
	Start system/启动方式	E-start / 电动									
	Capacity of fuel tank(L)/油箱容量	26		26		26		26		35	
	Noise(at7m)(dB)/噪音	72		71		71		77		75	
Dimension	Set dimension(mm)/尺寸	970x630x620		970x630x620		970x630x620		970x630x620		1050x670x710	
	Net weight(kg)/净重	151		157		153		155		210	
Standard Equipment	Large capacity fuel tank, large capacity muffler, fuel gauge, voltmeter, AVR, oil alert, AC circuit breaker 大油箱，大消声器，燃油面指示器，电压表，自动电压调整器，机油报警器，交流断路器										
Purchasing	Four-wheel dolly kit /四 轮子	Yes									

SILENT TYPE



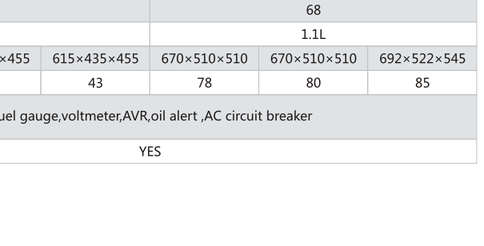
LF3700S



LF6500S



LF3700S



LF6500S

NAME	ITEM	(1.5kW-6kW) GASOLINE GENERATOR											
Generator	Rating frequency(Hz)/额定频率	50	60	50	60	50	60	50	60	50	60	50	60
	Rating voltage(V)/额定电压	110/120/220/230/240											
	Rating power(kVA)/额定功率	2	2.5	2.5	2.7	2.8	3.6	4	4.5	5	5.5	6	6.5
	The Max.power(kVA)/最大功率	2.2	2.7	2.7	3	3	4.2	4.8	5	5.5	6	6.5	7
	Power factor(cos ¢)/ 功率因数	0.8/1.0											
Engine	Type/动力型号	168F-1		170F		170F		188F		188F		190F	
	Model/动力马力	6.5HP		7.0HP		7.0HP		13.0HP		13.0HP		15.0HP	
	Category/重量	Single crock, Force air-cooled,four stroke,top-installed gasoline engine											
	Exclusion of cylinder(cm3)/气缸排量	196		210		210		389		389		407	
	The Max.output power(kW/rpm)/最大输出功率	4.8/3600		5.7/3600		5.7/3600		9.5/3600		9.5/3600		11.0/3600	
	Ignition system/点火系统	Transistorized magneto											
	Start system/启动方式	Recoil/E-start											
	Capacity of fuel tank(L)/油箱容量	15		15		15		25		25		25	
	Consumption of fuel(L/h)/燃油消耗量	1.32		1.38		1.38		2.45		2.7		2.95	
	Consecutive working(h)/连续工作时间	13		11		11		10		9		8	
	Noise(at7m)(dB)/噪音	58						68					
	Capacity of engine oil/润滑油加注量	0.6L						1.1L					
Dimension	Set dimension(mm)/尺寸	615×435×455		615×435×455		615×435×455		670×510×510		670×510×510		692×522×545	
	Net weight(kg)/净重	40		42		43		78		80		85	
Standard equipment	Large capacity fuel tank,large capacity muffler,fuel gauge,voltmeter,AVR,oil alert ,AC circuit breaker												
Purchasing	Four-wheel dolly kit	YES											



SUPER SILENT TYPE



LF8000



LF8000S

NAME	ITEM	2-6kW Super Silent Gasoline Generator											
Generator	Rating frequency(Hz)/额定频率	50	60	50	60	50	60	50	60	50	60	50	60
	Rating voltage(V)/额定电压	110/120/220/230/240											
	Rating power(kVA)/额定功率	2	2.5	2.5	2.7	2.8	3.6	4	4.5	5	5.5	6	6.5
	The Max.power(kVA)/最大功率	2.2	2.7	2.7	3	3	4.2	4.8	5	5.5	6	6.5	7
	Power factor(cos ¢)/ 功率因数	0.8/1.0											
Engine	Type/动力型号	168F-1		170F		170F		188F		188F		190F	
	Model/动力马力	6.5HP		7.0HP		7.0HP		13.0HP		13.0HP		15.0HP	
	Category/重量	Single crock, Force air-cooled,four stroke,top-installed gasoline engine											
	Exclusion of cylinder(cm3)/气缸排量	196		210		210		389		389		407	
	The Max.output power(kW/rpm)/最大输出功率	4.8/3600		5.7/3600		7.0/3600		9.5/3600		9.5/3600		11.0/3600	
	Ignition system/点火系统	Transistorized magneto											
	Start system/启动方式	Recoil/E-start											
	Capacity of fuel tank(L)/油箱容量	15		15		15		25		25		25	
	Consumption of fuel(L/h)/燃油消耗量	1.32		1.38		1.38		2.7		2.7		2.95	
	Consecutive working(h)/连续工作时间	13		11		11		9		9		8	
	Noise(at7m)(dB)/噪音	48		48		48		58		58		58	
	Capacity of engine oil/润滑油加注量	0.6L						1.1L					
Dimension	Set dimension(mm)/尺寸	875×565×780		875×565×780		875×565×780		955×560×785		955×560×785		955×560×785	
	Net weight(kg)/净重	100		115		125		135		150		154	
Standard equipment	Large capacity fuel tank,large capacity muffler,fuel gauge,voltmeter,AVR,oil alert ,AC circuit breaker												
Purchasing	Four-wheel dolly kit	YES											



Lonfa GENERATOR

Welding Generator

- LONFA-190 welding generator is an intermediate frequency (720Hz) welding machine with up to 190A current output.
- Powered by self-made reliable gasoline engine, it is good for field welding which needs high efficiency and quality, and it is number one silent welding generator.



LF10-GAWA

GASOLINE 4 IN 1 MOBILE WORK STATION

Gasoline 4 in 1 mobile work station incorporates Generator,Welder, Compressor and Battery Charger in one easy to use for your outside work and repair. It's compact designed, Convenient for operation and reliable quality.

Lonfa GENERATOR

WELDING GENERATOR



SHW190/210/300-A



SHW190/210/300-B

Welding Generator Specification

NAME	ITEM	SHW190	SHW210R	SHW300E
Engine	Engine Model / 引擎型号	GX390		GX620
	Type /类型	4-Stroke,OHV,1cylinder/四冲程，气门顶置，单缸		4-Stroke, OHV,2 cylinders四冲程，气门顶置，双缸
	Displacement(CC)/排量	389		614
	Bore x Stroke(mm) / 缸径x行程	88 x 64		77x72
	Cooling system/冷却系统	Air cooling / 风冷		
	Ignition system/点火系统	Transistorized magneto ignition / 无触点晶体管点火		
	Start system/启动方式	Recoil / Electric		Electric
Generator	Rated voltage(V) / 额定电压	220(AC)		220(DC)
	Rating frequency(Hz)/额定频率	50/60		60
	Rated current	9.1A(AC)	15A(AC)	10.0A(DC)
	Rated output 50Hz / 额定输出功率	2. 5kVA(AC)	3.0kVA(AC)	5.0kVA(DC)
	Rated output 60Hz / 额定输出功率	3. 0kVA(AC)	3. 5kVA(AC)	
	Rated power factor / 功率因数	0.8/1.0		
	Phase / 相	Single		
	Type类型	2-pole,rotating type		24-pole,rotating type
DC Welder	Rated Max.current (A) / 额定最大电流	140	180	280
	Load voltage(V) / 负荷电压	27.2	28	32
	Current range(A) / 电流范围	50-190	50-210	50-280
	Max.current duty cycle(%) / 最大电流工作周期	50	32	20
	Applicable welding rod diameter(mm)/ 可使用焊接条直径	2.5-5.0	2.5-5.0	2.5-6.0
	Rated Revolving Speed(r/min) 额定转速	3600		
	No-load voltage(A) / 空载电压	70	52	82
	Idle control / 闲置控制	Automatic		
	Rectifier type / 整流器型号	Six phase half wave rectifier / 六相半波整流器		Three phase full wave rectifier / 三相全波整流器
Other	Fuel tank capacity(L) / 油箱容量	17	25	30
	Length x width x height(mm) / 长x 宽x 高	690x510x 520	690x535x 540	953x617x622
	Net weight(kg) / 净重	86	88	180



Lonfa®
GENERATOR

Diesel Generator

- With self-made reliable engine and Stric Testing from spare parts to whole Machine,LONFA have superior durability with high performance -price ratio , it is number one silent Diesel Generator.
- Silent Cart type /Open type is optional
- Power output: 2-100kVA 50/60HZ
- Copper / Aluminum alternator is optional
- High quality Muffler /Silencer with low noise
- Alert if the power output exceeds the max power
- Low oil pressure alarm system
- With /without ATS (Automatic transfer switch) system is optional
- Single phase / three phase is optional
- Any colour can be offered

LF7800/9000DST

DIESEL GENERATOR(OPEN TYPE)



LF3800/5800DCE-A



LF3800/5800DCE-B



LF3800/5800DCE-C



LF3800/5800DCE-D



LF3800/5800DCE-E



LF3800/5800DCE-F



DIESEL GENERATOR(SILENT TYPE)



LF7800/9000DSE-A



LF7800/9000DSE-B



LF7800/9000DST-C

Diesel Generator Specification

NAME	ITEM	OPEN TYPE			SILENT TYPE			
Generator	Type/类型	Revolving Magnetic Field, Self–exciting, 2 Poles, Single–phase (or 3–phase)						
	Rated frequency(Hz)/额定频率	50 / 60						
	Rated AC Output (kW) /交流电输出	1.8 / 2.0	3.0 / 3.3	4.2 / 4.6	5.0 / 5.5	3.0 / 3.3	4.2 / 4.6	5.0 / 5.5
	Max.AC Output (kW) / 最大交流输出	2.0 / 2.2	3.3 / 3.6	4.6 / 5.0	5.5 / 6.0	3.3 / 3.6	4.6 / 5.0	5.5 / 6.0
	Voltage (V) / 电压	110,115,120;220,230,240; 110/220,115/230,120/240, (Single Phase) 380,400, 380/220, 400/230 (3 Phase)						
	Voltage Regulator/ 电压调节器	Auto Regulating System自动调节系统						
	Power factor(cos ¢)/ 功率因数	0.8/1.0						
Engine	Model/型号	LFD170	LFD178	LFD186	LFD186A	LFD178	LFD186	LFD186A
	Type/类型	Air–cooled, Single–cylinder, 4–stroke, Direct–injection, Diesel Engine风冷，单缸，四冲程，直接注入，柴油机						
	Bore x Stroke (mm) / 缸径x行程	70x55	78x62	86x70	86x72	78x62	86x70	86x72
	Displacement (CC) / 排量	211	296	406	418	296	406	418
	Max Power/最大净功率	4.2/3600	6.0/3600	9.4/3600	10.0/3600	6.0/3600	9.4/3600	10.0/3600
	Recommended Fuel / 建议使用燃料	Light Diesel						
	Fuel tank capacity (L)/油箱容积	12.5				16		
	Engine Oil Capacity(L)/机油容量	0.75	1.1	1.65	1.65	1.1	1.65	1.65
	Lube Oil/润滑油	SAE 10–30W						
	Start System /启动方式	Recoil or Electric/Recoil				Electric Start		
Set	Operating Hour for 1 Tank Fuel (Hrs) / 连续工作时间	18	12	9	7	15	11	9
	Noise level (7m) dB(A) / 噪音	82–84				70–72		
	Packing Dimension L x W x H (mm) /包装尺寸	625x465x530	695x470x560	755x490x605	755x490x605	875x565x780	955x565x780	955x565x780
	Gross Weight/Net Weight (kg) / 毛重/净重	60/58	73/71	92/90	97/95	135/130	170/165	175/170



Lonfa®
GENERATOR

ITEM	10-100KVA DIESEL SILENT GENERATOR							
Rated frequency(Hz)/额定频率	50 /60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated output(kVA)/额定功率	10.6/13.1	17/20	24/28	28/35	37/45	50/60	62/75	80/100
Max.output(kVA)/最大功率	11.6 /14.5	18.5 /22	26 /30	31 /38	40 /48	54/64	66/ 80	85 /105
Rated voltage(V)/额定电压	400/230 416/240	230/400 240/416	230/400 240/416	230/400 240/416	230/400 240/416	230/400 240/416	230/400 240/416	230/400 240/416
Rated current(A)/额定电流	15.3/18.2	24.5/27.8	34.6/38.9	40.4/48.6	53.4/62.5	72.2/83.3	89.5/104	115/138.8
Rated speed(r/min)/额定转速	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800
Pole No./极数	4							
Loop mode/回路方式	Single-phase, three-loop							
Excitation mode/励磁方式	Brushless self-excitation and constant voltage(AVR)							
Power factor(cosΦ)/功率因素	0.8(lag)							
Insulation grade/绝缘等级	H							
Engine model/发动机型号	KD388G	KD488G	KM493G	KM493ZG	KD4105G	KD4105ZG	KD6105G	KD6105ZG
Engine type/缸体结构形式	Two/Three-cylinder	Four-cylinder					Six -cylinder	
	in-lined, four-stroke, direct injection, water-cooled							
BoreXstroke(mm)/缸径X行程	88X90	88X90	93X102	93X102	105X125	105X125	105X125	105X125
Total displacement(L)/总排气量	1.642	2.19	2.771	2.771	4.33	4.33	6.494	6.494
Compression ratio/压缩比	18.2:1	18.2:1	18.2:1	18.2:1	17.5:1	17.5:1	17.5:1	17.5:1
Cooling water capacity (engine) (L)/发电机冷却水量	1.87	6	10	3.9	5.1	30	45	45
Radiator tank(L)/散热水箱水量	3.25	3.7	8	8	10.4	10.4	12	12
Lube oil brand /润滑油型号	SAE10W-30,15W-40(above CD grade)							
Lube oil capacity(L)/润滑油容量	6.9	8.5	8.5	8.5	11	11	18.5	18.5
Starting system/启动方式	12V Electric starter							
Fuel type/燃油种类	0#(summer), -10#(winter),-35#(chillness)diesel							
Fuel consumption(g/kW.h) /机组燃油消耗率	≤340	≤320	≤320	≤300	≤300	≤290	≤290	≤290
Output voltage(V)/输出电压	400/230 ;416/240							
Receptacle/输出插座	Two single-phase receptacles							
Connection pole/输出接线柱	Available							
Noise level(zero load-full load) [dB(A)/7m]/噪音	51 /53							
Fuel tank capacity (L) /机组燃油油想容量	65	65	95	95	95	95	110	110
Continous running time(h) /持续工作时间	15 /12	10/ 8.5	10.5/ 9	9.5 /7.5	7/ 6	5.5 /4.5	5.5 /4.5	4.5 /4
Overall dimension(LXWXH)(mm) /机组外形尺寸	1570X780X1050	1570X780X1050	1900X950X1200	1900X950X1200	2250X950X1300	2250X950X1300	2700X1140X1500	2700X1140X1500
Dry weight(kg)/机组净重	685	720	960	985	1270	1310	1650	1680



Lonfa®
GENERATOR

Water Pump

- With self-made reliable engine and Strict Testing from spare parts to whole Machine, LONFA have superior durability with high Performance-Price ratio , it is number one silent Water Pump.
- Sucktion range 7/8m, hosting 26m/28m
- Hand start (recoil) / Key start with battery is optional
- Muffler / silencer with low noise
- Cast iron Camshaft, high quality Carburetor
- Best quality Crankcase with shining Pump body
- Galvanized shining screw,A++ grade Piston
- Strong Carton Packing, inside with Foam
- 1.5inch,2inch,3inch, 4 inch is optional



WP20/30/40

WATER PUMP (GASOLINE WATER PUMP)



WP10/15



WP20/30/40-A



WP20/30/40-B



WP20/30/40-C



WP20/30/40-D



WP15/20/30-E(HIGH PRESSURE FIRE PUMP)



WP15/20/30-F(HIGH PRESSURE FIRE PUMP)

WATER PUMP (GASOLINE WATER PUMP)



WP20/30/40-G



WP20/30/40(VIBRATOR)



WP20/30/40-H



WP20/30/40-I

Water Pump (Gasoline Water Pump) Specification

NAME	ITEM	WP15–154F	WP20–168F	WP30-168F-1	WP40-188F	HIGH PRESSURE FIRE PUMP	
Pump	Inlet and Outlet Inside Dia(mm) / 进出水口径	1.5inch(38)	2inch(50)	3inch(80)	4inch(100)	1.5inch(38)	2inch(50)
	Pump Lift (m)/ 扬程	17.8	23	28	30	85	100
	Suction Height(m) / 吸程	7	8	8	8	8	8
	Max Capacity (m^3/hr)/ 最大排水量	20	26	60	80	45	45
Engine	Model/型号	154F	168F	168F-1	188F	168F	170F
Unit	Dimension(LxWxH)(mm) / 尺寸	400x300x390	485x380x405	520x380x450	640x465x525	495x385x430	495x385x430
	Net Weight(kg) / 净重	12	23	25	42	28	28

WATER PUMP (KEROSENE WATER PUMP)



WPK20/30/40-A



WPK20/30/40-B



WPK20/30/40-C

Water Pump (Kerosene Water Pump) Specification

NAME	ITEM	WPK20-168F	WPK30-168F-1
Pump	Inlet and Outlet Inside Dia(mm) / 进出水口径	2inch(50)	3inch(80)
	Pump Lift (m)/ 扬程	28	28
	Suction Height(m) / 吸程	7	7
	Max Capacity (m^3/hr)/ 最大排水量	36	60
Engine	Model/型号	168F	168F–1
Unit	Dimension(LxWxH)(mm) / 尺寸	500x375x380	
	Net Weight(kg) / 净重	26kg	28kg

WATER PUMP (DIESEL WATER PUMP)



WPD20/30/40-A



WPD20/30/40-B



WPD20/30/40-C

Water Pump (Diesel Water Pump) Specification

NAME	ITEM	WPD20-170F	WPD30-178F	WPD40-186F
Pump	Inlet and Outlet Inside Dia(mm) / 进出水口径	2inch(50)	3inch(80)	4inch(100)
	Pump Lift (m)/ 扬程	25	28	28
	Suction Height(m) / 吸程	8	8	8
	Max Capacity (m^3/hr)/ 最大排水量	22	36	64
Engine	Model/型号	170F	178F	186F
Unit	Dimension(LxWxH)(mm) / 尺寸	535x420x510	560x455x560	660x490x610
	Net Weight(kg) / 净重	37	45	65

Lonfa®
GENERATOR

ENGINE GASOLINE ENGINE DIESEL ENGINE

- With Strict Testing from Spare Parts to whole Machine, Lonfa have superior
- Durability with high performance-price ratio, it is number one Silent engine.
  Large fuel tank capacity,four hours of continuous operation
- High quality power output
- Qualified mechanical seal device
- Compact in structure and convenient for carry
- Easy starting by recoil or E-start (key with battery)
- Special balancer shaft inside reduces the vibration to the minimum level



LF168F



LFD170F

ENGINE(GASOLINE ENGINE)



LF188F



LF170F



LF168FE

Engine(Gasoline Engine) Specification

NAME	ITEM	LF168F	LF168F-1	LF170F	LF188F	LF190F
Gasoline Engine	Engine Type / 发动机类型	Air-cooled;4-stroke;OHV;single cylinder/风冷，四冲程，气门置顶，单缸				
	Bore x Stroke(mm)/缸径 x 行程	68x45	68x54	70x54	88x64	90x66
	Displacement(cc)/排量	163	196	210	389	420
	compression Ratio/压缩比	8.5:1	8.5:1	8.5:1	8.0:1	8.0:1
	Max.Power Output(kw)/最大净功率	(5.5HP)4.1	(6.5HP)4.8	(7.0HP)5.1	(13HP)9.6	(15HP)11
	Rated Power Output(kw)/额定功率	(4.0HP)3.0	(5.8HP)4.3	(6.0HP)4.4	(13HP)9.6	(11.7HP)8.6
	Max.Torque(N.m)/最大扭矩	10.8	13.2	14	26.5	28
	Ignition System/点火方式	Transistor magneto/无触点晶体管点火				
	Start System /启动方式	Recoil/Electric				
	Engine Oil Capacity(L)/润滑油加注量	0.6	0.6	0.6	1.1	1.1
	Fuel Capacity(L)/油箱容量	3.6	3.6	3.6	6.5	6.5
	Min. Consumption of Fuel(g/kw.h)/最低燃油消耗量	360	360	360	325	325
	Power Take Off/动力输出轴	Crankshaft or Camshaft/曲柄轴或凸轮轴				
	Crankshaft Direction/曲轴方向	Left/左				
	Dimensions(LxWxH)(mm)/尺寸（长x宽x高）	390x330x350	390x330x350	390x330x350	515x420x490	515x450x490
	Net Weight(kg)/净重	15	16	17	31	32
	Air Cleaner/空滤器	Semi-dry;Oil bath;Dual				

ENGINE(DIESEL ENGINE)



LFD170F



LFD178F/FA



LFD186F/FA

Engine(Diesel Engine) Specification

NAME	ITEM	LFD170F		LFD178F/FA		LFD186F/FA	
Diesel Engine	Engine Type/发动机类型	Single-cylinder,4-stroke air-cooled diesel engine/单缸，四冲程，风冷，柴油机					
	Combustion system / 燃烧系统	Direct injection/直接注入					
	Bore x stroke(mm) / 缸径x行程	70x55		78x62/78x64		86x70/86x72	
	Displacement(cc) / 排量	211		296/305		406/418	
	Engine speed(rpm) / 引擎转速	3000	3600	3000	3600	3000	3600
	Maximum output(hp) / 最大输出马力	3.8	4.2	5.7	7	9	10
	Continuous output(hp) / 额定输出马力	3.4	3.8	5.2	6	8.2	9
	Power take off / 动力输出	Crankshaft or camshaft(camshaft PTO rpm is 1/2)曲柄轴或凸轮轴（凸轮轴动力输出转速1/2）					
	Start System / 启动方式	Recoil or electric(optional)/手动或电动					
	Fuel tank capacity(L) / 油箱容量	2.5		3.5		5.5	
	Lube oil capacity(L) / 润滑油加注量	0.75		1.1		1.65	
	Dimensions LxWxH(mm) / 尺寸（长x宽x高）	420x360x460		440x370x480		480x420x530	
	Net weight(recoil)(kg) / 净重（手动）	27		33		48	
	Net weight(electric)(kg) / 净重（电动）	32		38		53	
	Fuel type / 燃油型号	0#,-10#,-20#					
	Lube oil type 润滑油型号	CD Grade or SAE 10W-30,SAE 15W-40					
	Option / 可选择	Oil bath air cleaner / 油浴式空气滤清器					

SPARE PARTS

AD01

箱盖（低）
Crankcase cover(low)

AD02

电机端盖
Alternator Front Stand

AD03

后支架
Alternator End Stand

AD04

缸头
Cylinder head

AD05

箱体
Crankcase

AD06

箱盖（高）
Crankcase cover(high)

AD07

动力
Generator Engine

AD08

摩托款消声器
Motorcycle Silencer

AD09

飞轮（电启动）
Flywheel(electrical)

AD10

转子
Rotor

AD11

定子
Stator

AD12

调压器
AVR

AD13

整流器
Rectifier

AD14

3 缸头垫片(铁）
Gasket(cylinder head-iron)

AD15

消音器垫片
Gasket(silencer)

AD16

电机风叶
Rotor fan

AD17

冷却风扇
Cooling fan

AD18

活塞
Piston

AD19

活塞环
Piston rings

AD20

活塞销
Piston pin

AD21

活塞卡簧
Clip spring(piston)

AD22

飞轮
Flywheel

AD23

拉盘总成
Recoil starter assembly

AD24

启动轮
Drum wheel

AD25

压板
Drive plate

AD26

卷簧
Pulling spring stater

AD27

高压包
Ignition coil

AD28

马达
Motor

AD29

摇臂总成
Rock arm

AD30

塑料凸轮轴
Camshaft(Plastic)

AD31

凸轮轴（铁）
Camshaft(iron)

AD32

进气门弹簧座／排气门弹簧座
Retainer intake valve spring / Retainer exhaust valve spring

AD33

曲轴
Crankshaft

AD34

消音器
Silencer

AD35

消声器隔热板
Insulator(silencer)

Lonfa GENERATOR

SPARE PARTS

AD36

连杆
Connect rod

AD37

化油器
Carburetor

AD38

消音器隔热板
Insulator(silencer)

AD39

油箱开关
Fuel tank switch

AD40

导向板
Plate push rod guide

AD41

电启动飞轮边罩
Flywheel cover(electrical)

AD42

化油器风门
Air door(carburetor)

AD43

化油器隔热板
Insulator(carburetor)

AD44

机油报警器
Oil alert

AD45

点火器
Ignitor

AD46

机油隔离器
Oil protector

AD47

棘爪
Bearing plate

AD48

拉绳
Pulling rope

AD49

拉盘卡簧
Clip spring

AD50

进气门/排气门
Intake valve/Exhaust valve

AD51

导风罩
Wind scooper

AD52

电机导风环
Stator cover

AD53

调速座
Speed controler

AD54

调速弹簧
Spring(governor)

AD55

调速齿轮
Governor gear set

AD56

滑套
Governor slider

AD57

保护器
Protector

AD58

碳刷
Carbon brush

AD59

断路器(三相）
Breaker(3phase)

AD60

电压表
Voltage meter

AD61

电容
Capacitor

AD62

离心片架
Centrifugal stand

AD63

防震脚
Shockproof foot

AD64

开关
ON/OFF switch

AD65

火花塞
Spark plug

AD66

启动毂(高）
Starter pulley(high)

AD67

摇臂
Rock arm

AD68

风扇罩
Fan case

AD69

轴承
Bearing

AD70

空滤器
Air clearner