



**CATALOGUE PRODUCT**  
Residential Generator

### Features :



(FDD6500CLE)

- AVR give stable voltage and safe work.
- Circuit breaker protects overload operation.
- Fuel tank capacity 12.5 litres ensures 8 hours continuous running.
- Low oil shutdown stops engine in emergency.
- Various sockets for different market.

## ( DIESEL GENERATOR )

### RESIDENTIAL DIESEL GENERATOR

Model		FDD2200CLE	FDD3600CLE	FDD5000CLE	FDD6000CLE	FDD6500CLE
Voltage	(V)	110-240	110-240	110-240	110-240	110-240
Frequency	(Hz)	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Rate AC Output	(kW)	1.7 / 2.0	2.7 / 3.0	4.2 / 4.6	4.5 / 5.0	5.0 / 5.3
<b>Max. AC Output</b>	<b>(kW)</b>	<b>1.9 / 2.2</b>	<b>3.0 / 3.3</b>	<b>4.6 / 5.0</b>	<b>5.0 / 5.5</b>	<b>5.5 / 5.8</b>
DC Output	(V)			12		
Engine Model		LA170FG	LA178FG	LA186FG	LA186FAFG	LA186FAFG
Fuel Tank Capacity	(L)			12.5		
Fuel Consumption	(L/hr)	1.01	1.56	2.32	2.48	2.76
Noise (7 meter away)	dB(A)	≤ 79	≤ 80	≤ 82	≤ 82	≤ 82
Dimension (L x W x H)	(mm)	610 x 450 x 500	680 x 455 x 545	740 x 475 x 590	740 x 475 x 590	740 x 475 x 590
Net Weight (approx.)	(kg)	70	80	95	95	99

# FEDERAL

## GENERATOR

### Features :

- Low noise at 70dBA at 7m.
- Minimal vibration & smooth running.
- Function better with double large muffler.
- Fashion soundproof canopy.
- 8 hours continuous running free fuels plus.
- Universal wheels make movement easily.
- AVR give stable voltage & safe work.

## DIESEL GENERATOR

*Twin-Cylinder*



## RESIDENTIAL DIESEL GENERATOR

Model		FDD3600S	FDD5000S	FDD6000S	FDD6500S
Voltage	(V)	110-240	110-240	110-240	110-240
Frequency	(Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Rate AC Output	(kW)	2.7 / 3.0	4.2 / 4.6	4.5 / 5.0	5.0 / 5.3
<b>Max. AC Output</b>	<b>(kW)</b>	<b>3.0 / 3.3</b>	<b>4.6 / 5.0</b>	<b>5.0 / 5.5</b>	<b>5.5 / 5.8</b>
DC Output	(V)	12	12	12	12
Engine Model		LA178FG	LA186FG	LA186FAFG	LA186FAFG
Starting System		Electric	Electric	Electric	Electric
Displacement	(cc)	296	406	418	418
Engine Speed	(rpm)	3000 / 3600	3000 / 3600	3000 / 3600	3000 / 3600
Fuel Tank Capacity	(L)	16	16	16	16
Fuel Consumption	(L/hr)	1.56	2.31	2.48	2.76
Noise (7 meter away)	dB(A)	≤70	≤70	≤70	≤70
Dimension (LxWxH)	(mm)	820x520x700	900x520x700	900x520x700	900x520x700
Net Weight (approx.)	(kg)	130	140	150	154

# FEDERAL

## GENERATOR



(FDD12S)

### Features :

- Minimal vibration and smooth running.
- Power by 20hp twin-cylinder diesel engine.
- Double large efficient & soundproof canopy lower noise to 70dBA.
- 53 litre fuel tank ensures 14 hours of continuous running.
- Easy to move with durable 4-wheel rolling structure.
- AVR give stable voltage & safe work.

**DIESEL GENERATOR**  
*Twin-Cylinder*

## RESIDENTIAL DIESEL GENERATOR

Model		FDG12S	FDG12S-3
Voltage	(V)	110-240	380/220 ; 400/230
Frequency	(Hz)	50/60	50/60
Rate AC Output	(kW)	10 / 10kW	12.5 / 12.5kVA
<b>Max. AC Output</b>	<b>(kW)</b>	<b>11 / 11kW</b>	<b>13.75 / 13.75 kVA</b>
DC Output	(V)	12	12
Engine Model		LA290	LA290
Starting System		Electric	Electric
Displacement	(cc)	954	954
Engine Speed	(rpm)	3000/3600	3000/3600
Oil Capacity	(L)	3	3
Fuel Tank Capacity	(L)	60	60
Fuel Consumption	(L/hr)	4.83	4.83
Noise (7 meter away)	dB(A)	≤69	≤69
Dimension (L x W x H)	(mm)	1160 x 675 x 945	1160 x 675 x 945
Net Weight (approx.)	(kg)	295	300

# FEDERAL

## GENERATOR



(FDG11000S)

### Features :

- Minimal vibration & smooth running.
- Powered by air cooled twin-cylinder engine.
- Circuit breaker protects overload operation.
- AVR alternator provide stable voltage & current.
- Double large efficient muffler & soundproof canopy lower noise to 70 dBA.
- 25 litre fuel tank ensures 7 hours at continuous running.
- Easy to move with durable 4-wheel rolling structure.
- Emergency low oil alert warn the low lube oil level.

## GASOLINE GENERATOR

*Twin-Cylinder*

### RESIDENTIAL GASOLINE GENERATOR

Model		FDG11000S	FDG11000S-3
Voltage	(V)	110-240	127/220, 220/380, 230/400, 240/415
Frequency	(Hz)	50/60	50/60
Rate AC Output	(kW)	8.5 / 9.5	10.6 / 11.88kVA
<b>Max. AC Output</b>	<b>(kW)</b>	<b>9.5 / 10.5</b>	<b>11.88 / 13.13 kVA</b>
DC Output	(V)	12	12
Engine Model		LT620	LT620
Starting System		Electric	Electric
Displacement	(cc)	614	614
Engine Speed	(rpm)	3000/3600	3000/3600
Oil Capacity	(L)	1.4	1.4
Fuel Tank Capacity	(L)	25	25
Fuel Consumption	(L/hr)	5.98	5.98
Noise (7 meter away)	dB(A)	≤66	≤66
Dimension (L x W x H)	(mm)	990 x 640 x 945	990 x 640 x 945
Net Weight (approx.)	(kg)	230	230



**Features :**

- Powered by air cooled twin-cylinder engine.
- Circuit breaker protects overload protection.
- Large fuel tank ensures 8 hours of continuous running.
- AVR alternator provides stable voltage and current.
- Emergency low oil alert warn the low lube oil level.



**(FDG11000ME)**

**GASOLINE GENERATOR**  
*Twin-Cylinder*

**RESIDENTIAL GASOLINE GENERATOR**

Model		FDG11000ME	FDG11000ME-3
Voltage	(V)	110-240	127/220, 220/380, 230/400, 240/415
Frequency	(Hz)	50/60	50/60
Rate AC Output	(kW)	8.5 / 9.5	10.6 / 11.88kVA
<b>Max. AC Output</b>	<b>(kW)</b>	<b>9.5 / 10.5</b>	<b>11.88 / 13.13 kVA</b>
DC Output	(V)	12	12
Engine Model		LT620	LT620
Starting System		Electric	Electric
Displacement	(cc)	614	614
Engine Speed	(rpm)	3000/3600	3000/3600
Oil Capacity	(L)	1.4	1.4
Fuel Tank Capacity	(L)	25	25
Fuel Consumption	(L/hr)	5.98	5.98
Noise (7 meter away)	dB(A)	≤77	≤77
Dimension (L x W x H)	(mm)	930 x 555 x 580	930 x 555 x 580
Net Weight (approx.)	(kg)	140	140



(FDG6500S)

### Features :

- Minimal vibration and smooth running.
- Circuit breaker protects overload operation.
- AVR alternator provide stable voltage & current.
- Double large muffler & soundproof canopy ensure low noise level to 70 dbA.
- 15 litre fuel tank ensures 7 hours of continuous running.
- Easy to move with 4 durable wheels.
- Emergency low oil alert warn the low lube of oil level.

## GASOLINE GENERATOR

### RESIDENTIAL GASOLINE GENERATOR

Model		FDG6500S
Voltage	(V)	110-240
Frequency	(Hz)	50/60
Rate AC Output	(kW)	4.5 / 5.0
<b>Max. AC Output</b>	<b>(kW)</b>	<b>5.0 / 5.5</b>
DC Output	(V)	12
Engine Model		LT390
Starting System		Electric
Displacement	(cc)	389
Engine Speed	(rpm)	3000/3600
Fuel Tank Capacity	(L)	15
Fuel Consumption	(L/hr)	3.41
Noise (7 meter away)	dB(A)	≤69
Dimension (L x W x H)	(mm)	1000 x 520 x 740
Net Weight (approx.)	(kg)	123

# FEDERAL

## GENERATOR

### Features :

- Circuits breaker protects overload operation.
- Large fuel tank ensures 8 hours of continuous running.
- AVR alternator provide stable voltage & current.
- Emergency low oil alert warn the low lube of oil level.



## GASOLINE GENERATOR

### RESIDENTIAL GASOLINE GENERATOR

Model		FDG2500CLE	FDG3000CLE	FDG3500CLE
Voltage	(V)	110-240	110-240	110-240
Frequency	(Hz)	50/60	50/60	50/60
Rate AC Output	(kW)	2.0 / 2.3	2.3 / 2.5	2.5 / 2.8
<b>Max. AC Output</b>	<b>(kW)</b>	<b>2.3 / 2.5</b>	<b>2.5 / 2.8</b>	<b>2.8 / 3.1</b>
DC Output	(V)	12	12	12
Engine Model		LT200	LT200	LT210
Oil capacity	(L)	0.6	0.6	0.6
Displacement	(cc)	196	196	208
Engine Speed	(rpm)	3000/3600	3000/3600	3000/3600
Fuel Tank Capacity	(L)	15	15	15
Fuel Consumption	(L/hr)	1.74	0.98	2.03
Noise (7 meter away)	dB(A)	≤67	≤68	≤68
Dimension (L x W x H)	(mm)	590 x 433 x (430~483)	590 x 433 x (430~483)	590 x 433 x (430~483)
Net Weight (approx.)	(kg)	39	39	44

(FDG6500CLE)



Features :

- Circuits breaker protects overload operation.
- Large fuel tank ensures 8 hours of continuous running.
- AVR alternator provide stable voltage & current.
- Emergency low oil alert warn the low lube of oil level.

**GASOLINE GENERATOR**

**RESIDENTIAL GASOLINE GENERATOR**

Model		FDG3800CLE	FDG5000CLE	FDG6500CLE	FDG7500CLE
Voltage	(V)	110-240	110-240	110-240	110-240
Frequency	(Hz)	50/60	50/60	50/60	50/60
Rate AC Output	(kW)	3.0 / 3.3	4.0 / 4.5	5.0 / 5.5	6.0 / 6.5
<b>Max. AC Output</b>	<b>(kW)</b>	<b>3.3 / 3.6</b>	<b>4.5 / 5.0</b>	<b>5.5 / 6.0</b>	<b>6.5 / 7.0</b>
DC Output	(V)	12	12	12	12
Engine Model		LT270	LT390	LT390	LT420
Oil capacity	(L)	1.1	1.4	1.4	1.4
Displacement	(cc)	270	389	389	420
Engine Speed	(rpm)	3000/3600	3000/3600	3000/3600	3000/3600
Fuel Tank Capacity	(L)	25	25	25	25
Fuel Consumption	(L/hr)	2.27	3.2	3.58	3.81
Noise (7 meter away)	dB(A)	≤72	≤75	≤75	≤76
Dimension (LxWxH)	(mm)	685 x 512 x 550	685 x 512 x 550	685 x 512 x 550	685 x 512 x 550
Net Weight (approx.)	(kg)	68	80	85	87



FDG950 (2 stroke)



FDG1200CL

### GASOLINE GENERATOR

#### RESIDENTIAL GASOLINE GENERATOR (2 STROKE)

Model		FDG950
Voltage	(V)	110-240
Frequency	(Hz)	50/60
Rate AC Output	(kW)	0.65 / 0.72
<b>Max. AC Output</b>	<b>(kW)</b>	<b>0.72 / 0.8</b>
DC Output	(V)	12
Engine Model		LT63
Displacement	(cc)	63
Engine Speed	(rpm)	3000/3600
Fuel Tank Capacity	(L)	4.2
Noise (7meter away)	dB(A)	≤65
Dimension (LxWxH)	(mm)	370 x 315 x 310
Net Weight (approx.)	(kg)	19

#### RESIDENTIAL GASOLINE GENERATOR

Model		FDG1200CL	FDG1800CLE
Voltage	(V)	110-240	110-240
Frequency	(Hz)	50/60	50/60
Rate AC Output	(kW)	0.9 / 1.0	1.3/1.5
<b>Max. AC Output</b>	<b>(kW)</b>	<b>1.0 / 1.1</b>	<b>1.5/1.8</b>
DC Output	(V)	12	12
Engine Model		LT87	LT210
Oil capacity	(L)	0.4	0.6
Displacement	(cc)	87	208
Engine Speed	(rpm)	3000/3600	3000/3600
Fuel Tank Capacity	(L)	5.2	15
Noise (7 meter away)	dB(A)	≤65	≤65
Dimension (LxW xH)	(mm)	465 x 375 x 380	590 x 433 x 483
Net Weight (approx.)	(kg)	27	39



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