



Generating Sets

power wherever you are



the company

FLORIDIA SRL is a dynamic company which has been operating for more than 20 years in the design and manufacturing of generating sets for industry, tertiary activities and agriculture.

The product range is completed with motor welders, motor pumps and light towers.

The values at the basis of this dynamic entrepreneurial reality are the constant desire for growth and renewal, the culture of quality and respect for the environment, attention to customers and their satisfaction.

The mission of FLORIDIA SRL is supplying highly innovative and qualitative products thanks to the accurate choice of materials and its production cycle. Modern equipments and technological instruments allow manufacturing advanced power products that find its ideal application anywhere high performance is required and guaranteed over time.

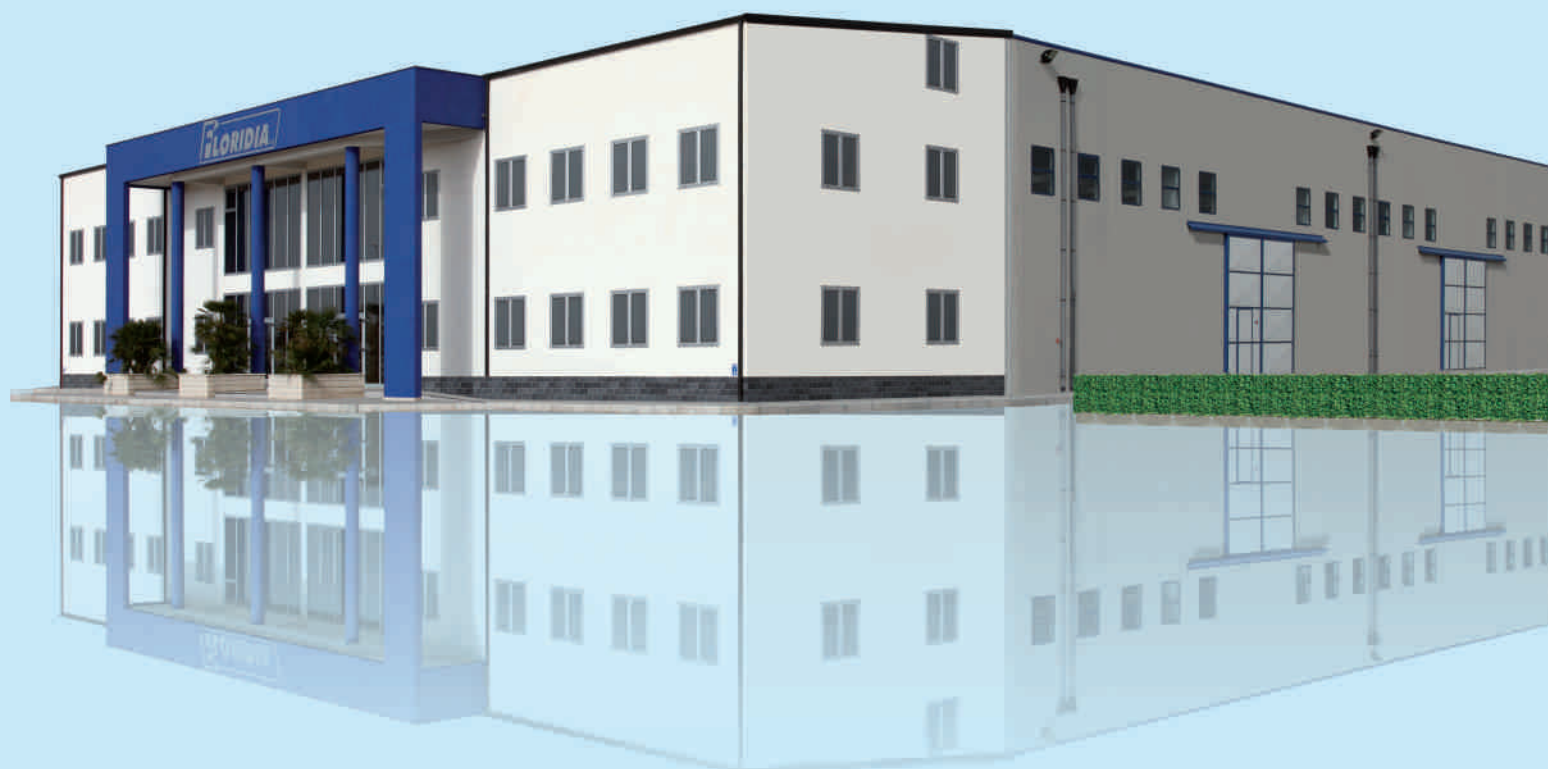
This can only be achieved by a continuous improvement of all company processes, formulated with absolute respect for the environment and the constant training of the technical staff that support customers in every possible effort to offer the best solutions at the most competitive prices.

The concrete proof of this commitment are the certifications obtained over the years:

ISO9001: 2008 Quality Management System

ISO14001 Environment Management System

During the last few years the increase in the production has lead to the creation of a new establishment with wide and more efficient premises in a total work area of 30,000 square meters. The new factory is located in the industrial area of Pozzallo (Rg) - ITALY, in a strategic location near the commercial port.





INDEX

SERIES FHB	P. 6
SERIES FLD	P. 8
SERIES FLWD	P. 12
SERIES FLPD	P. 14
SERIES FL	P. 16
SERIES FLW	P. 18
SERIES FLP	P. 20
SERIES FY	P. 22
SERIES FV	P. 24
SERIES FAI	P. 26
SERIES FP	P. 30
SERIES FC	P. 36
SERIES FD	P. 42
SERIES FVP	P. 46
SERIES FAIM	P. 50
SERIES FLS	P. 52
ACCESSORIES	P. 54
SERVICE AND SPARE PARTS	P. 56
SPECIAL APPLICATIONS	P. 58



administrative offices



the production shop



SERIES

FHB

3 ÷ 10 KVA - 3000 R/MIN PETROL

HONDA
ENGINES



FHB 3M



FHB 6M



FLORIDA

ENGINE - AIR COOLING - CE MARKED AND CERTIFIED

GENERAL FEATURES			FHB 3 M	FHB 5 M	FHB 6 M	FHB 10 M	FHB 7 T	FHB 10 T
Continuous output	(PRP) 230V	kVA (kW)	2.7 (2.1)	4.5 (3.6)	6 (4.8)	10 (8)		
Stand-by output	(LTP) 230V	kVA (kW)	3 (2.4)	5 (4.0)	6.6 (5.2)	11 (8.8)		
Continuous output	(PRP) 400V	kVA (kW)					7 (5.6)	11.7 (9.3)
Stand-by output	(LTP) 400V	kVA (kW)					8.3 (6.6)	13.8 (11)
Phases			1 + N	1 + N	1 + N	1 + N	3	3
Frequency	(Hz)		50	50	50	50	50	50
Power factor	cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 75% load	l/h		0.9	1.6	2.1	3.8	2.1	3.8

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	620x400x500	700x500x500	700x500x500	850x500x570	700x500x500	850x500x570
Weight	Kg	40	61	89	98	91	103
Fuel tank capacity	L	3.6	6	6.5	11	6.5	11

ENGINE

Manufacturer		Honda	Honda	Honda	Honda	Honda	Honda
Model		GX 160	GX 270	GX 390	GX 620	GX 390	GX 620
Num of cylinders and arrangement		1	1	1	2	1	2
Displacement Cm³		163	270	389	614	389	614
Starting system		Manual or Electric	Manual or Electric	Manual or Electric	Electric	Manual or Electric	Electric
Continuous output (PRP) kWm		3.2	6.3	8.3	14	8.3	14

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Condenser	Condenser	Condenser	Condenser	Condenser	Condenser

RECOIL START VERSION

Petrol engine driven generating set equipped with recoil starter for starting.

230V.: n. 1 voltmeter, n. 2 single-phase sockets and thermal protection

400V.: n. 1 voltmeter, n. 1 three phase socket, n.1 single phase socket and thermal protection.

STANDARD VERSION

Petrol engine driven generating set equipped with control panel for starting or stopping and battery lodged in the base.

230V.: n. 1 voltmeter, n. 2 single-phase sockets and thermal protection

400V.: n. 1 voltmeter, n. 1 three phase socket, n.1 single phase socket and thermal protection.

AUTOMATIC START VERSION

Petrol engine driven generating set mounted on a electro welded steel base with anti vibration mounts, battery lodged in the base; equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Hand trolley
- Slow towing trailer
- Remote start/stop control unit

Technical data are given for information only. They are not binding for the vendor.

SERIES

FLD

4÷30 KVA - 3000 R/MIN DIESEL ENGINE -

 LOMBARDINI®



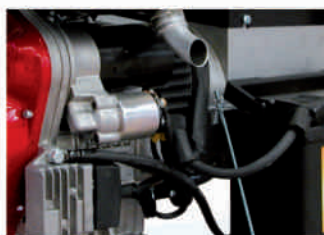
FLD 6M



FLD 5M



FLD 5M



FLORIDA

GENERAL FEATURES		FLD 4 M	FLD 5 M	FLD 6 M	FLD 7 M	FLD 8 M	FLD 10 M
Continuous output	(PRP) 230V kVA (kW)	3.6 (2.9)	5.6 (4.5)	6.2 (5.5)	7.2 (5.8)	9 (7.2)	11 (8.8)
Stand-by output	(LTP) 230V kVA (kW)	4 (3.2)	6.2 (5)	7 (5.6)	8 (6.4)	10 (8.0)	12.2 (9.8)
Phases		1+N	1+N	1+N	1+N	1+N	1+N
Frequency	(Hz)	50	50	50	50	50	50
Power factor	cos φ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 100% load	l/h	0.9	1.4	1.5	1.7	1.8	2.2

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	700x450x600	700x450x600	700x450x600	700x450x600	900x600x750	900x600x750
Weight	Kg	80	90	90	100	140	190
Fuel tank capacity	L	4.3	4.3	4.3	4.3	7	7

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	1000x800x1000	1000x800x1000	1000x800x1000	1000x800x1000	1300x800x1100	1300x800x1100
Weight	Kg	160	180	190	200	280	300
Fuel tank capacity	L	20	20	20	20	20	20
Noise level	dB(A) at 7m	-/ 68	-/ 68	-/ 68	-/ 68	-/ 68	-/ 68

ENGINE

Manufacturer		Lombardini	Lombardini	Lombardini	Lombardini	Lombardini	Lombardini
Model		15 LD 315	15 LD 400	15 LD 440	15 LD 500	25 LD 330-2	25 LD 425-2
Num of cylinders and arrangement		1	1	1	1	2 in line	2 in line
Displacement	Cm ³	315	401	441	505	654	851
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	NA	NA	NA	NA	NA
Continuous output	(PRP) kWm	4.1	6.2	6.7	7.5	10.3	12
Lubrication system capacity (max)	L	1.2	1.5	1.5	1.5	1.8	1.8

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Condenser	Condenser	Condenser	Condenser	Condenser	Condenser

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with manual control panel, voltmeter, magneto thermic switch and sockets.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

GENERAL FEATURES			FLD 4 T	FLD 5 T	FLD 6 T	FLD 7 T	FLD 8 T	FLD 10 T
Continuous output	(PRP) 400V kVA (kW)		3.6 (2.9)	5.8 (4.5)	6.2 (5)	7.2 (5.8)	9 (7.2)	10 (8)
Stand-by output	(LTP) 400V kVA (kW)		4 (3.2)	6.2 (5)	7 (5.6)	8 (6.4)	10 (8)	11 (8.8)
Phases	(Hz)		3 + N	3 + N	3 + N	3 + N	3 + N	3 + N
Frequency	(Hz)		50	50	50	50	50	50
Power factor	cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 100% load	l/h		0.9	1.4	1.5	1.7	1.8	2.2

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	700x450x600	700x450x600	700x450x600	700x450x600	900x600x750	900x600x750
Weight	Kg	80	90	90	100	140	160
Fuel tank capacity	l.	4.3	4.3	4.3	5	7	7

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	1000x800x1000	1000x800x1000	1000x800x1000	1000x800x1000	1300x900x1100	1300x900x1100
Weight	Kg	170	190	210	230	300	330
Fuel tank capacity	l.	20	20	20	20	20	20
Noise level	dB(A) at 7m	- / 68	- / 68	- / 68	- / 68	- / 68	- / 68

ENGINE

Manufacturer		Lombardini	Lombardini	Lombardini	Lombardini	Lombardini	Lombardini
Model		15 LD 315	15 LD 400	15 LD 440	15 LD 500	25 LD 330-2	25 LD 425-2
Num of cylinders and arrangement		1	1	1	1	2 in line	2 in line
Displacement	Cm ³	315	401	441	505	654	851
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	NA	NA	NA	NA	NA
Continuous output	(PRP) kWm	4.1	6.2	6.7	7.5	8.6	10.5
Lubrication system capacity (max)	l.	1.2	1.5	1.5	1.5	1.8	1.8

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Condenser	Condenser	Condenser	Condenser	Condenser	Condenser

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with manual control panel, voltmeter, magneto thermic switch and sockets.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

GENERAL FEATURES		FLD 13 T	FLD 20 T	FLD 30 T			
Continuous output	(PRP) 400V kVA (kW)	13.4 (10.7)	18.8 (15)	27.9 (22.3)			
Stand-by output	(LTP) 400V kVA (kW)	14.9 (11.9)	20.3 (16.3)	30.5 (24.4)			
Phases		3 + N	3 + N	3 + N			
Frequency	(Hz)	50	50	50			
Power factor	cos φ	0.8	0.8	0.8			
Fuel consumption at 100% load	l/h	2.8	4	6.3			

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm	1250x750x800	1250x750x800	1300x800x900			
Weight	Kg	240	250	320			
Fuel tank capacity	l	15	20	20			

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm	1600x900x1300	1600x900x1350	2000x1000x1600			
Weight	Kg	350	370	450			
Fuel tank capacity	l	20	20	20			
Noise level	dB(A) at 7m	-/ 69	-/ 69	-/ 69			

ENGINE

Manufacturer		Lombardini	Lombardini	Lombardini			
Model		12 LD 477/2	9 LD 625/2	11 LD 626/3			
Num of cylinders and arrangement		2 in line	2 in line	3 in line			
Displacement	Cm ³	954	1248	1870			
Starting system		12V	12V	12V			
Air intake		NA	NA	NA			
Continuous output	(PRP) kWm	13.5	17.1	26.3			
Lubrication system capacity (max)	l	3	2.8	5			

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous			
Protection degree	IP	21	21	21			
Isolation		H	H	H			
Regulation		Condenser	Condenser	Condenser			

ACCESSORIES

- Soundproof canopy
- Hand trolley
- Slow towing trailer
- Remote start/stop control unit

- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

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SERIES

FLWD

10÷40 KVA - 3000 R/MIN DIESEL

 LOMBARDINI®



FLWD 20

FLWD 20



FLORIDIA

Engine - water cooling - CE marked and certified

GENERAL FEATURES			FLWD 10	FLWD 16	FLWD 20	FLWD 25	FLWD 35	FLWD 40
Continuous output	(PRP) 400V kVA (kW)		10.6 (8.5)	15.9 (12.7)	21.2 (17)	25 (20)	34.2 (27.4)	43 (34.4)
Stand-by output	(LTP) 400V kVA (kW)		11.7 (9.4)	17.5 (14)	23.4 (18.7)	27.5 (22)	37.6 (30.1)	47.3 (37.8)
Phases			3	3	3	3	3	3
Frequency	(Hz)		50	50	50	50	50	50
Power factor	cos		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 100% load	l/h		2.2	3.5	4.7	5.5	7.5	8.1

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	1100x700x850	1200x700x850	1400x700x850	1400x750x850	1500x750x900	1500x750x900
Weight	Kg	230	290	380	430	500	570
Fuel tank capacity	l.	20	20	30	30	50	50

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	1600x850x1300	1600x850x1300	1600x850x1300	1600x850x1300	2000x1000x1400	2000x1000x1400
Weight	Kg	450	530	580	680	790	860
Fuel tank capacity	l.	20	20	30	30	50	50
Noise level	dB(A) at 7m	- / 69	- / 69	- / 69	- / 69	- / 69	- / 69

ENGINE

Manufacturer		Lombardini	Lombardini	Lombardini	Lombardini	Lombardini	Lombardini
Model		LDWF0CS702	LDWF0CS1003	LDWF0CS1404P	LDWCHD1603	LDWCHD2204	LDWCHD2204/T
Num of cylinders and arrangement		2 in line	3 in line	4 in line	3 in line	4 in line	4 in line
Displacement	Cm ³	686	1028	1372	1649	2199	2199
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	NA	NA	NA	NA	TC
Continuous output	(PRP) kWm	10	15	20	24.3	31.8	40
Lubrication system capacity (max)	l.	1.6	2.4	3.3	3.8	4.5	4.5

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Condenser	Condenser	Condenser	Condenser	Condenser	Condenser

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Soundproof canopy
- Hand trolley
- Slow towing trailer
- Remote start/stop control unit
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

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SERIES

FLPD

15÷27 KVA - 3000 R/MIN DIESEL



FLPD 15T

FLPD 20T



FLORIDIA

GENERAL FEATURES		FLPD 15T	FLPD 20T	FLPD 27T			
Continuous output	(PRP) 400V kVA (kW)	15 (12)	20 (16)	27 (21.6)			
Stand-by output	(LTP) 400V kVA (kW)	16.5 (13.2)	22 (17.6)	29.7 (23.7)			
Phases		3	3	3			
Frequency	(Hz)	50	50	50			
Power factor		0.8	0.8	0.8			
Fuel consumption at full load	l/h	3.5	4.7	5.5			

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	1200x700x850	1400x700x850	1400x750x850			
Weight	Kg	310	400	450			
Fuel tank capacity	l.	20	30	30			

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	1600x850x1300	1600x850x1300	1900x850x1300			
Weight	Kg.	550	600	700			
Fuel tank capacity	l.	20	30	30			
Noise level	dB(A) at 7m	-/ 69	-/ 69	-/ 69			

ENGINE

Manufacturer		Lister Petter	Lister Petter	Lister Petter			
Model		LPW 2 09-01	LPW 3 09-01	LPW 4 09-01			
Num of cylinders and arrangement		2 in line	3 in line	4 in line			
Displacement		930	1395	1860			
Starting system		12V	12V	12V			
Air Intake		NA	NA	NA			
Continuous output (PRP)	KWm	13.4	20.1	26.6			
Oil pan capacity (max)		2.4	3.3	3.8			

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous			
Protection degree	IP	21	21	21			
Isolation		H	H	H			
Regulation		Compound	Compound	Compound			

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Soundproof canopy
- Hand trolley
- Slow towing trailer
- Remote start/stop control unit

NA naturally aspired
TC turbocharged
TAA turbocharged after cooled

SERIES FL

7 ÷ 15 KVA - 1500 R/MIN DIESEL ENGINE -

LOMBARDINI®



FL 10

FL 15



FL 10



FLORIDIA

AIR COOLING - CE MARKED AND CERTIFIED

GENERAL FEATURES		FL 7	FL 10	FL 15			
Continuous output	(PRP) 400V kVA (kW)	7 (5.6)	10 (8)	15 (12)			
Stand-by output	(LTP) 400V kVA (kW)	7.7 (6.1)	11 (8.8)	16.5 (13.2)			
Phases		3	3	3			
Frequency	(Hz)	50	50	50			
Power factor	cos ϕ	0.8	0.8	0.8			
Fuel consumption at 75% load	l/h	1.17	1.68	2.43			
Fuel consumption at 100% load	l/h	1.56	2.24	3.24			

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm	1250x750x800	1250x750x800	1400x800x900			
Weight	Kg	280	300	440			
Fuel tank capacity	L	20	20	30			

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm	1600x900x1300	1600x900x1350	2000x1000x1600			
Weight	Kg	350	430	600			
Fuel tank capacity	L	20	20	30			
Noise level	dB(A) at 7m	-/ 68	-/ 68	-/ 68			

ENGINE

Manufacturer		Lombardini	Lombardini	Lombardini			
Model		12LD477-2	9LD625-2	11LD626-3			
Num of cylinders and arrangement		2 in line	2 in line	3 in line			
Displacement	Cm ³	954	1248	1870			
Starting system		12V	12V	12V			
Air intake		NA	NA	NA			
Continuous output	(PRP) kWm	7.7	10.7	16.7			
Lubrication system capacity (max)	L	3	2.8	5			

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous			
Protection degree	IP	21	21	21			
Isolation		H	H	H			
Regulation		Condenser	Condenser	Condenser			

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Soundproof canopy
- Remote start/stop control unit
- Hand trolley
- Slow towing trailer
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

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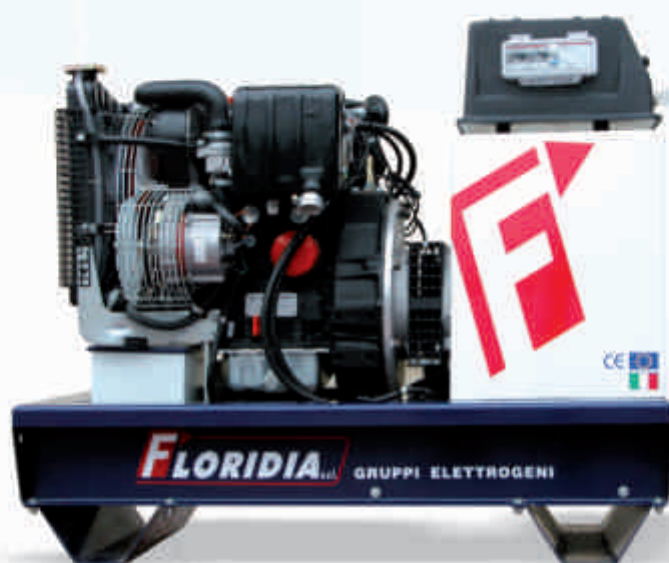
SERIES

FLW

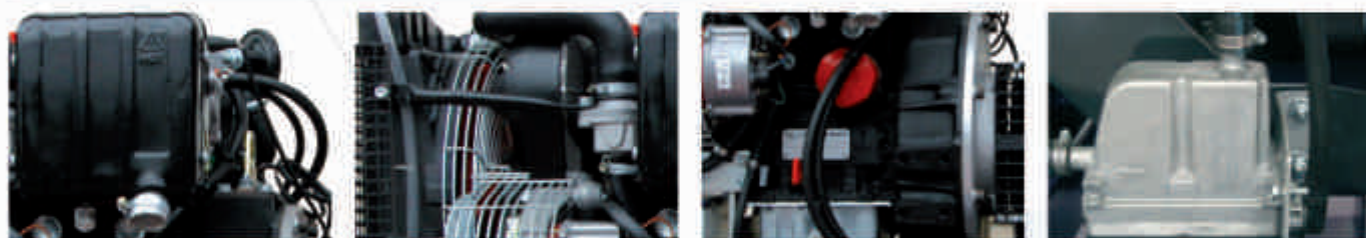
5+25 KVA - 1500 R/MIN DIESEL ENGINE

 LOMBARDINI®

FLW 15



FLW 5



FLORIDIA

GENERAL FEATURES		FLW 5	FLW 8	FLW 10	FLW 15	FLW 20	FLW 25
Continuous output	(PRP) 400V kVA (kW)	5 (4)	8.1 (6.5)	10.5 (9)	15.1 (12.1)	19.5 (15.1)	25.4 (20.3)
Stand-by output	(LTP) 400V kVA (kW)	5.5 (4.4)	9.0 (7.2)	12.2 (9.8)	16.7 (13.3)	21 (16.8)	28.0 (22.4)
Phases		3	3	3	3	3	3
Frequency	(Hz)	50	50	50	50	50	50
Power factor	cos ϕ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 75% load	l/h	1	1.5	1.9	2.8	3.2	4.3
Fuel consumption at 100% load	l/h	1.28	2	2.5	3.8	4.3	5.8

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm	1100x700x850	1200x700x850	1400x750x850	1400x750x850	1500x750x900	1500x750x900
Weight	Kg	230	290	380	430	500	570
Fuel tank capacity	L	20	20	30	30	50	50

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm	1600x850x1300	1600x850x1300	1600x850x1300	1600x850x1300	2000x1000x1400	2000x1000x1400
Weight	Kg	450	530	580	680	790	860
Fuel tank capacity	L	20	20	30	30	50	50
Noise level	dB(A) at 7m	-1 69	-1 69	-1 69	-1 69	-1 69	-1 69

ENGINE

Manufacturer		Lombardini	Lombardini	Lombardini	Lombardini	Lombardini	Lombardini
Model		LDWF0CS702	LDWF0CS1003	LDWF0CS1404P	LDWCHD1603	LDWCHD2204	LDWCHD2204/T
Num of cylinders and arrangement		2 in line	3 in line	4 in line	3 in line	4 in line	4 in line
Displacement	Cm ³	686	1028	1372	1649	2199	2199
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	NA	NA	NA	NA	TC
Continuous output	(PRP) kWm	5	7.7	10.5	14	17.7	23.6
Lubrication system capacity (max)	L	1.6	2.4	3.3	3.8	4.5	4.5

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Compound	Compound	Compound	Compound	Compound	Compound

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Soundproof canopy
- Storage fuel tank
- Automatic fuel filling system kit
- Remote start/stop control unit
- Slow towing trailer
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

Technical data are given for information only. They are not binding for the vendor.

SERIES

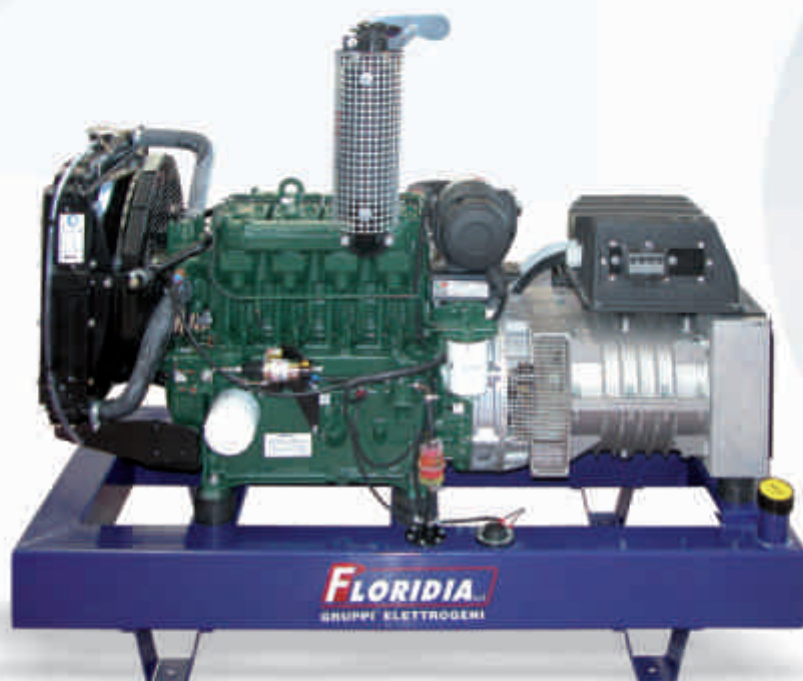
FLP

8+20 KVA - 1500 R/MIN DIESEL ENGINE



FLP 8

FLP 16



FLORIDIA

GENERAL FEATURES		FLP 8	FLP 12	FLP 16	FLP 20		
Continuous output	(PRP) 400V kVA (kW)	8 (6.4)	12 (9.6)	16 (12.8)	20 (16)		
Stand-by output	(LTP) 400V kVA (kW)	8.8 (7)	13.2 (10.5)	17.6 (14)	22 (17.6)		
Phases		3	3	3	3		
Frequency	(Hz)	50	50	50	50		
Power factor		0.8	0.8	0.8	0.8		
Fuel consumption at 75% load	l/h	1.5	1.9	2.8	3.2		
Fuel consumption at 100% load	l/h	2	2.5	3.8	4.3		

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	1200x700x850	1400x750x850	1400x750x850	1400x750x900		
Weight	Kg	310	400	450	500		
Fuel tank capacity	L	20	20	30	50		

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	1600x850x1300	1600x850x1300	1900x850x1300	2000x1000x1400		
Weight	Kg.	550	600	700	810		
Fuel tank capacity	L	20	20	30	50		
Noise level	dB(A) at 7m	-/ 69	-/ 69	-/ 69	-/ 69		

ENGINE

Manufacturer		Lister Petter	Lister Petter	Lister Petter	Lister Petter		
Model		LPW 2 27-01	LPW 3 27-01	LPW 4 27-01	LPWT 4-8101		
Num of cylinders and arrangement		2 in line	3 in line	4 in line	4 in line		
Displacement		930	1395	1860	1860		
Starting system		12V	12V	12V	12V		
Air Intake		NA	NA	NA	TC		
Continuous output (PRP)	KWm	7.5	11.3	15	18.9		
Lubrication system capacity (max)	L	1.6	2.4	3.3	3.8		

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous		
Protection degree	IP	21	21	21	21		
Isolation		H	H	H	H		
Regulation		Compound	Compound	Compound	Compound		

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Soundproof canopy
- Storage fuel tank
- Automatic fuel filling system
- Remote start/stop control unit
- Slow towing trailer

NA naturally aspired
TC turbocharged
TAA turbocharged after cooled

Technical data are given for information only. They are not binding for the vendor.

SERIES

FY

10÷40 KVA - 1500 R/MIN DIESEL ENGINE -

YANMAR

FY 20



FY 15



FLORIDIA

WATER COOLING - CE MARKED AND CERTIFIED

GENERAL FEATURES		FY 10	FY15	FY 20	FY 30	FY 40	
Continuous output	(PRP) 400V kVA (kW)	10 (8)	15 (12)	20 (16)	30 (24)	40 (32)	
Stand-by output	(LTP) 400V kVA (kW)	11 (8.8)	16.5 (13.2)	22 (17.6)	33 (26.4)	44 (35.2)	
Phases		3	3	3	3	3	
Frequency	(Hz)	50	50	50	50	50	
Power factor	cos ϕ	0.8	0.8	0.8	0.8	0.8	
Fuel consumption at 75% load	l/h	1.9	2.8	3.8	6.1	8.7	
Fuel consumption at 100% load	l/h	2.5	3.7	5.1	8.1	11.6	

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm	1400x750x850	1400x750x850	1500x750x900	1500x750x900	1500x750x900	
Weight	Kg	320	360	450	480	520	
Fuel tank capacity	L	30	30	50	50	50	

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm	1600x850x1300	1600x850x1300	2000x1000x1400	2000x1000x1400	2000x1000x1400	
Weight	Kg	520	550	640	670	730	
Fuel tank capacity	L	30	30	50	50	50	
Noise level	dB(A) at 7m	-1 69	-1 69	-1 69	-1 69	-1 69	

ENGINE

Manufacturer		Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	
Model		3TNV76GB	3TNV88GB	4TNV88GB	4TNV98GB	4TNV98TGB	
Num of cylinders and arrangement		3 in line	3 in line	4 in line	4 in line	4 in line	
Displacement	Cm ³	1116	1642	2190	3319	3319	
Starting system		12V	12V	12V	12V	12V	
Air intake		NA	NA	NA	NA	TC	
Speed governor	kWm	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	
Continuous output	(PRP) kWm	8.2	12.2	16.4	30.7	37.7	
Stand-by output	(LTP) kWm	9	13.2	17.7	34.4	41.7	
Lubrication system capacity (max)	L	3.5	6.7	7.4	10.5	10.5	

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	
Protection degree	IP	21	21	21	21	21	
Isolation		H	H	H	H	H	
Regulation		Compound	Compound	Compound	Electronic	Electronic	

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Soundproof canopy
- Remote start/stop control unit
- Hand trolley
- Slow towing trailer

- NA naturally aspirated
- TC turbocharged
- TAA turbocharged after cooled

Technical data are given for information only. They are not binding for the vendor.

SERIES

FV

20÷60 KVA - 1500 R/MIN DIESEL ENGINE -

VM MOTORI

FV 60



FV 20



FLORIDIA

GENERAL FEATURES		FV 20	FV 30	FV 40	FV 60		
Continuous output	(PRP) 400V kVA (kW)	19 (15)	28 (23)	37 (30)	59 (47)		
Stand-by output	(LTP) 400V kVA (kW)	21 (17)	31 (25)	41 (33)	65 (52)		
Phases		3	3	3	3		
Frequency	(Hz)	50	50	50	50		
Power factor	cos φ	0.8	0.8	0.8	0.8		
Fuel consumption at 75% load	l/h	3.5	4.9	6.4	9.5		
Fuel consumption at 100% load	l/h	4.9	6.9	9.1	13		

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm	1300x850x1250	1500x850x1250	1700x850x1250	1700x850x1250		
Weight	Kg	520	630	700	840		
Fuel tank capacity	L	30	50	50	50		

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm	1700x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700		
Weight	Kg	830	950	1020	1200		
Fuel tank capacity	L	30	50	50	50		
Noise level	dB(A) at 7m	-/ 68	-/ 68	-/ 68	-/ 68		

ENGINE

Manufacturer		VM	VM	VM	VM		
Model		SUN 2105E2	SUN 3105E2	SUN 3105TE2	SUN 4105TE2		
Num of cylinders and arrangement		2 in line	3 in line	3 in line	4 in line		
Displacement	Cm³	1992	2987	2987	3984		
Starting system		12V	12V	12V	12V		
Air intake		NA	NA	TC	TC		
Continuous output	(PRP) kWm	18.5	27.5	36.5	58		
Lubrication system capacity (max)	L	6	7.6	7.6	9.4		

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous		
Protection degree	IP	21	21	21	21		
Isolation		H	H	H	H		
Regulation		Compound	Compound	Electronic	Electronic		

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

ACCESSORIES

- Soundproof canopy
- Remote start/stop control unit
- Hand trolley
- Slow towing trailer

- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

Technical data are given for information only. They are not binding for the vendor.

SERIES

FA

30÷720 KVA - 1500 R/MIN DIESEL ENGINE -



FA 300



FA 720



FA 720



FLORIDIA

GENERAL FEATURES			FA 30	FA 40	FA 50	FA 60	FA 80	FA 100
Continuous output	(PRP) 400V	kVA (kW)	30 (24)	40 (32)	50 (40)	60 (48)	75 (60)	100 (80)
Stand-by output	(LTP) 400V	kVA (kW)	33 (26.4)	44 (35.2)	55 (44)	66 (52.8)	82 (65.6)	110 (88)
Phases			3	3	3	3	3	3
Frequency		(Hz)	50	50	50	50	50	50
Power factor		cos φ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load		l/h	4.2	5.6	6.5	7	8.6	11
Fuel consumption at 80% load		l/h	5.9	8.5	10.2	10.2	12.7	16.2
Fuel consumption at 100% load		l/h	7.7	10.6	12.6	13.7	17.1	22

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	1600x850x1250	1700x850x1250	1700x850x1250	1700x850x1250	1700x850x1400	2000x850x1480
Weight	Kg	630	700	780	840	930	1075
Fuel tank capacity	l.	50	50	50	50	50	50

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	2200x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700	2700x1100x1700
Weight	Kg	900	1080	1180	1300	1420	1600
Fuel tank capacity	l.	50	50	50	50	50	50
Noise level	dB(A) at 7m	-/ 68	-/ 68	-/ 68	-/ 68	-/ 69	-/ 69

ENGINE

Manufacturer		Iveco	Iveco	Iveco	Iveco	Iveco	Iveco
Model		8035.E.15	F32 SM1A	F32 TM1A	NEF45 SM1A	NEF45 SM2A	NEF45 TM2A
Num of cylinders and arrangement		3 in line	4 in line	4 in line	4 in line	4 in line	4 in line
Displacement	Cm ³	2900	3200	3200	4500	4500	4500
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	TC	TAA	TC	TC	TAA
Speed governor		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Coolant capacity	(max)	12	19.5	19.5	18.5	18.5	18.5
Continuous output	(PRP)	KWm	29	37	46.8	53.5	66
Stand-by output	(LTP)	kWm	32	40.5	51.7	59	73
Lubrication system capacity (max)	l.	8.8	10.5	10.5	12.8	12.8	12.8

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

GENERAL FEATURES		FA 130	FA 150	FA 200	FA 270	FA 300	FA 350
Continuous output (PRP) 400V kVA (kW)		130 (104)	180 (128)	200 (160)	270 (216)	300 (240)	350 (280)
Stand-by output (LTP) 400V kVA (kW)		143 (114.4)	176 (140.8)	220 (176)	300 (240)	335 (268)	385 (308)
Phases		3	3	3	3	3	3
Frequency (Hz)		50	50	50	50	50	50
Power factor cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load l/h		16	18	25.6	35.4	36.4	38.8
Fuel consumption at 80% load l/h		24	29	39	49	53.7	57.3
Fuel consumption at 100% load l/h		29	36	44	58.5	62.8	70

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	2200x850x1500	2400x850x1600	2400x850x1600	3000x1400x1800	3000x1400x1890	3000x1400x1900
Weight	Kg	1250	1500	1700	1950	2550	2680
Fuel tank capacity	l.	120	120	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	3000x1100x1700	3000x1100x1700	3000x1100x1700	4260x1600x2205	4260x1600x2205	4260x1600x2205
Weight	Kg	1900	2080	2400	3070	3150	3280
Fuel tank capacity	l.	120	120	120	120	120	120
Noise level	dB(A) at 7m	-/ 70	-/ 70	-/ 70	-/ 70	-/ 70	-/ 70

ENGINE

Manufacturer		Iveco	Iveco	Iveco	Iveco	Iveco	Iveco
Model		NEF67 TM2A	NEF67 TM3A	NEF67 TE2A	CURSOR87 TE1D	CURSOR10 TE1D	CURSOR13 TE2A
Num of cylinders and arrangement		6 in line	6 in line	6 in line	6 in line	6 in line	6 in line
Displacement	Cm ³	6700	6700	6700	8700	10300	12900
Starting system		12V	12V	12V	24V	24V	24V
Air intake		TAA	TAA	TAA	TAA	TAA	TAA
Speed governor		Mechanical	Mechanical	Electronic	Electronic	Electronic	Electronic
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Coolant capacity (max)		25.5	25.5	25.5	63	63	67
Continuous output (PRP) Kw		114	138	175	232	260	300
Stand-by output (LTP) kW		125	152	193	255	286	330
Lubrication system capacity (max) l.		17.2	17.2	17	28	30	35

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation	IP	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the commons engine and alternator faults.

GENERAL FEATURES			FA 400	FA 720				
Continuous output	(PRP) 400V	kVA (kW)	400 (320)	720 (576)				
Stand-by output	(LTP) 400V	kVA (kW)	440 (352)	800 (640)				
Phases			3	3				
Frequency		(Hz)	50	50				
Power factor		cos φ	0.8	0.8				
Fuel consumption at 50% load		l/h	41.9	78				
Fuel consumption at 80% load		l/h	63.8	113				
Fuel consumption at 100% load		l/h	81.3	148				

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	3000x1400x1900	4000x1600x2150				
Weight	Kg	3050	4550				
Fuel tank capacity	L	120	120				

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	4260x1600x2205	5760x2000x2300				
Weight	Kg	3700	6600				
Fuel tank capacity	L	120	120				
Noise level	dB(A) at 7m	- / 70	- / 70				

ENGINE

Manufacturer		Iveco	Iveco				
Model		CURSOR13 TE3A	V20 TE2				
Num of cylinders and arrangement		6 in line	90° - V 8				
Displacement	Cm³	12900	20000				
Starting system		24V	24V				
Air intake		TAA	TAA				
Speed governor		Electronic	Electronic				
Cooling system		Liquid	Liquid				
Coolant capacity	(max)	67	85				
Continuous output	(PRP)	KWm	352	609			
Stand-by output	(LTP)	kWm	387	670			
Lubrication system capacity (max)	L	35	85				

ALTERNATOR

Type		Synchronous	Synchronous				
Protection degree	IP	21	21				
Isolation		H	H				
Regulation		Electronic	Electronic				

ACCESSORIES

- Soundproof canopy
- Storage fuel tank
- Automatic fuel filling system kit
- Remote start/stop control unit
- Slow towing trailer
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

Technical data are given for information only. They are not binding for the vendor.

SERIES

FP

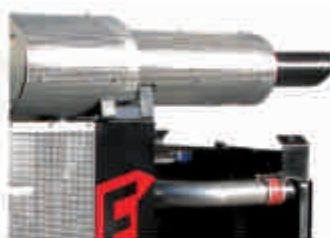
20÷1250 KVA - 1500 R/MIN DIESEL ENGINE -

Perkins®

FP 1250



FP 500



FLORIDIA

GENERAL FEATURES		FP 20	FP 30	FP 45	FP 60	FP 80	FP 100
Continuous output (PRP)	400V kVA (kW)	22.1 (16)	30.7 (24.5)	46 (36.8)	60 (48)	80 (64)	100 (80)
Stand-by output (LTP)	400V kVA (kW)	22 (17.6)	34.2 (27.3)	51.3 (41)	66 (53)	88 (70.5)	110 (88)
Phases		3	3	3	3	3	3
Frequency	(Hz)	50	50	50	50	50	50
Power factor	cos ϕ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load	l/h	2	4.2	5.7	6.2	9.8	11.2
Fuel consumption at 75% load	l/h	2.7	6.1	7.8	10.2	14.3	17.1
Fuel consumption at 100% load	l/h	3.7	7.8	10.4	15.3	18.6	22.6

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	1500x850x1200	1700x850x1200	1800x850x1250	1800x850x1250	2000x900x1300	2000x900x1400
Weight	Kg	410	650	800	920	1150	1493
Fuel tank capacity	L	50	50	50	50	50	50

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	1800x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700	2700x1100x1700
Weight	Kg	910	930	1180	1270	1500	1950
Fuel tank capacity	L	50	50	50	50	50	50
Noise level	dB(A) at 7m	-/ 69	-/ 69	-/ 69	-/ 69	-/ 69	-/ 69

ENGINE

Manufacturer		Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model		404D-22G	1103C-33G3	1103C-33TG3	1104C-44TG3	1104C-44TAG1	1104C-44TAG2
Num of cylinders and arrangement		4 in line	3 in line	3 in line	4 in line	4 in line	4 in line
Displacement	Cm ³	2216	3300	3300	4410	4410	4410
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	NA	TC	TC	TAA	TAA
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Speed governor		Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Electronic
Coolant capacity (max)		7	10.1	10.1	12.6	12.6	12.6
Continuous output (PRP)	kWm	18.4	27.3	40.9	53	71	89
Stand-by output (LTP)	kWm	20.3	30.4	45.6	59	78	98
Lubrication system capacity (max)	L	10.6	7.4	7.4	8.5	8	8

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

GENERAL FEATURES			FP 130	FP150	FP 200	FP 250	FP 350	FP 400
Continuous output	(PRP) 400V	kVA (kW)	137.4 (109.9)	150 (120)	208 (166)	250 (200)	350 (280)	400 (320)
Stand-by output	(LTP) 400V	kVA (kW)	152.9 (122.4)	166.8 (133.4)	229 (183)	275 (220)	400 (320)	450 (360)
Phases			3	3	3	3	3	3
Frequency		(Hz)	50	50	50	50	50	50
Power factor		cos ϕ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load		l/h	16.4	17.2	24	24	41	46
Fuel consumption at 75% load		l/h	24.3	25.8	35	36	59	65
Fuel consumption at 100% load		l/h	30.9	33.1	45.2	45	76	85

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	2500x1000x1400	2500x1000x1500	2500x1000x1800	2600x1000x1800	3000x1300x1900	3300x1300x1900
Weight	Kg	1300	1580	1900	2100	3200	3480
Fuel tank capacity	l.	120	120	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	3100x1100x1700	3100x1100x1700	3600x1300x2100	3600x1300x2100	4260x1600x2205	4260x1600x2205
Weight	Kg	1900	2190	2700	2900	4050	4200
Fuel tank capacity	l.	120	120	120	120	120	120
Noise level	dB(A) at 7m	- / 69	- / 70	- / 70	- / 70	- / 70	- / 70

ENGINE

Manufacturer		Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model		1106C-E66TAG2	1106C-E66TAG3	1306C-E87TAG3	1306C-E87TAG6	2206C-E13TAG2	2206C-E13TAG3
Num of cylinders and arrangement		6 in line	6 in line	6 in line	6 in line	6 in line	6 in line
Displacement	Cm ³	6600	6600	8700	8700	12500	12500
Starting system		12V	12V	12V	12V	24V	24V
Air intake		TAA	TAA	TAA	TAA	TAA	TAA
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Speed governor		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Coolant capacity (max)		21	21	37.2	37.2	51.4	51.4
Continuous output (PRP)	kWm	117.1	129	180	218	301	349
Stand-by output (LTP)	kWm	130.5	143.5	199	239	344	392
Lubrication system capacity (max)	l.	-	-	26.4	26.4	40	40

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation	IP	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

GENERAL FEATURES			FP 450	FP 500	FP 600	FP 650	FP 730	FP 800
Continuous output	(PRP) 400V kVA (kW)		455 (364)	500 (400)	600 (480)	650 (520)	750 (600)	800 (640)
Stand-by output	(LTP) 400V kVA (kW)		500 (400)	550 (440)	660 (528)	700 (560)	825 (660)	900 (720)
Phases			3	3	3	3	3	3
Frequency	(Hz)		50	50	50	50	50	50
Power factor	cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load	l/h		51	55	61	66	83	90
Fuel consumption at 75% load	l/h		73	81	90	97	121	130
Fuel consumption at 100% load	l/h		99	106	123	132	157	172

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	3300x1300x2200	3500x1300x2200	3500x1600x2200	3500x1600x2200	4000x1700x2200	4000x1700x2200
Weight	Kg	3800	3950	4420	4600	6193	6230
Fuel tank capacity	l.	120	120	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	4400x1600x2205	4400x1600x2205	4900x2200x2500	4900x2200x2500	6400x2200x2500	6400x2200x2500
Weight	Kg	4800	4900	5750	5950	7700	7820
Fuel tank capacity	l.	120	120	120	120	120	120
Noise level	dB(A) at 7m	- / 70	- / 70	- / 70	- / 70	- / 70	- / 70

ENGINE

Manufacturer		Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model		2506C-E15TAG1	2506C-E15TAG2	2806A-E18TAG1A	2806A-E18TAG2	4006-23TAG2A	4006-23TAG3A
Num of cylinders and arrangement		6 in line	6 in line	6 in line	6 in line	6 in line	6 in line
Displacement	Cm ³	15000	15200	18100	18100	22921	22921
Starting system		24V	24V	24V	24V	24V	24V
Air intake		TAA	TAA	TAA	TAA	TAA	TAA
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Speed governor		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Coolant capacity (max)		58	58	61	61	105	105
Continuous output (PRP)	KWm	396	435	522	565	632	679
Stand-by output (LTP)	kWm	435	478	574	609	695	760
Lubrication system capacity (max)	l.	62	62	62	62	113.4	113.4

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

ACCESSORIES

- Soundproof canopy
- Storage fuel tank
- Automatic fuel filling system kit
- Remote start/stop control unit
- Slow towing trailer
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

GENERAL FEATURES			FP 850	FP 900	FP 1000	FP 1250		
Continuous output	(PRP)	400V kVA (kW)	849 (679)	911 (728)	1022 (818)	1253 (1002)		
Stand-by output	(LTP)	400V kVA (kW)	935 (748)	1002 (802)	1093 (874)	1385 (1108)		
Phases			3	3	3	3		
Frequency		(Hz)	50	50	50	50		
Power factor		cos ϕ	0.8	0.8	0.8	0.8		
Fuel consumption at 50% load		l/h	72	98	109	143		
Fuel consumption at 75% load		l/h	105	143	163	196		
Fuel consumption at 100% load		l/h	144	195	226	259		

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm	4398x1752x2210	4398x1752x2210	4591x1752x2451	4852x1868x2686		
Weight	Kg	6942	7144	7840	10284		
Fuel tank capacity	L	120	120	120	120		

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm	6550x1900x3200	6550x1900x3200	7050x2000x3500	7410x2100x3700		
Weight	Kg	9810	10012	10813	12150		
Fuel tank capacity	L	120	120	120	120		
Noise level	dB(A) at 7m	- / 70	- / 70	- / 70	- / 70		

ENGINE

Manufacturer		Perkins	Perkins	Perkins	Perkins		
Model		4008TAG	4008TAG1A	4008TAG2A	4012-46TWG2A		
Num of cylinders and arrangement		8 en line	8 en line	8 en line	60° - V 12		
Displacement	Cm³	30561	30561	30561	45842		
Starting system		24V	24V	24V	24V		
Air intake		TAA	TAA	TAA	TAA		
Cooling system		Liquid	Liquid	Liquid	Liquid		
Speed governor		Electronic	Electronic	Electronic	Electronic		
Coolant capacity	(max)	162	143	149	196		
Continuous output	(PRP)	KWm	715	787	861	1055	
Stand-by output	(LTP)	kWm	787	844	924	1166	
Lubrication system capacity (max)	L	165.6	153	153	177		

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous		
Protection degree	IP	21	21	21	21		
Isolation		H	H	H	H		
Regulation	IP	Electronic	Electronic	Electronic	Electronic		

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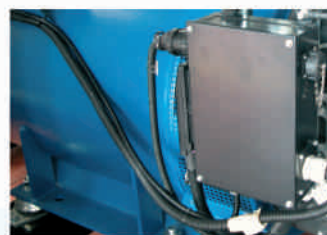
SERIES
FC

25÷2000 KVA - 1500 R/MIN DIESEL ENGINE



FC 100

FC 2000



FLORIDIA

GENERAL FEATURES		FC 25	FC 35	FC 40	FC 50	FC 60	FC 80
Continuous output (PRP)	400V kVA (kW)	25 (20)	35 (28)	40 (32)	50 (40)	60 (48)	80 (64)
Stand-by output (LTP)	400V kVA (kW)	27.5 (22)	38 (30.4)	44 (35.2)	55 (44)	68 (52.8)	88 (70.4)
Phases		3	3	3	3	3	3
Frequency	(Hz)	50	50	50	50	50	50
Power factor	cos ϕ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load	l/h	3.6	4.3	5.4	6.5	6.1	12
Fuel consumption at 75% load	l/h	4.8	6.1	7.6	9.5	11	18
Fuel consumption at 100% load	l/h	6	8.5	9.9	12.8	14.7	22

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	1600x850x1250	1600x850x1250	1700x850x1250	1700x850x1250	1700x850x1400	1700x850x1400
Weight	Kg	530	680	790	880	930	980
Fuel tank capacity	l.	50	50	50	50	50	50

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	2200x900x1350	2200x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700
Weight	Kg	810	960	1070	1190	1360	1480
Fuel tank capacity	l.	50	50	50	50	50	50
Noise level	dB(A) at 7m	-/ 68	-/ 68	-/ 69	-/ 69	-/ 69	-/ 69

ENGINE

Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		X2.5G2	X3.3G1	S3.8G4	S3.8G6	S3.8G7	QSB5G3
Num of cylinders and arrangement		3 in line	4 in line	4 in line	4 in line	4 in line	4 in line
Displacement	Cm ³	2500	3300	3800	3800	3800	4500
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	NA	NA	NA	TC	TAA
Speed governor		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electronic
Cooling system		Water	Water	Water	Water	Water	Water
Coolant capacity (max)		5.5	8.6	11	11	11	25.5
Continuous output (PRP)	kWm	24	32	38.7	48.7	59.6	81
Stand-by output (LTP)	kWm	27	36	43.4	53.6	64.9	94
Lubrication system capacity (max)	l.	6.5	6.5	11	11	11	12.2

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

GENERAL FEATURES			FC 100	FC 130	FC 150	FC 200	FC 250	FC 300
Continuous output	(PRP) 400V	kVA (kW)	100 (80)	132 (105.6)	150 (120)	200 (160)	250 (200)	300 (240)
Stand-by output	(LTP) 400V	kVA (kW)	110 (88)	145 (116)	175 (140)	220 (176)	275 (220)	330 (264)
Phases			3	3	3	3	3	3
Frequency		(Hz)	50	50	50	50	50	50
Power factor		cos ϕ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load		l/h	13	19	21	26	31	34
Fuel consumption at 75% load		l/h	20	27	30	36	46	49
Fuel consumption at 100% load		l/h	25	31	38	45	59	49

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	2000x850x1480	2000x850x1480	2400x850x1600	2400x850x1600	3000x1400x1800	3000x1400x1890
Weight	Kg	1050	1130	1500	1700	1950	2550
Fuel tank capacity	l.	50	120	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	2700x1100x1700	2700x1100x1700	3000x1100x1700	3000x1100x1700	4260x1600x2205	4260x1600x2205
Weight	Kg	1530	1610	2080	2400	3070	3150
Fuel tank capacity	l.	50	50	120	120	120	120
Noise level	dB(A) at 7m	- / 69	- / 69	- / 70	- / 70	- / 70	- / 70

ENGINE

Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		QSB5G5	QSB5G6	QSB7G3	QSB7G5	QSL9G3	QSL9G5
Num of cylinders and arrangement		4 in line	4 in line	6 in line	6 in line	6 in line	6 in line
Displacement	Cm ³	4500	4500	6600	6600	8800	8800
Starting system		12V	12V	12V	12V	24V	24V
Air intake		TAA	TAA	TAA	TAA	TAA	TAA
Speed governor		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Cooling system		Water	Water	Water	Water	Water	Water
Coolant capacity (max)		-	-	36	26	15	15
Continuous output (PRP)	KWm	97	128	151	182	227	268
Stand-by output (LTP)	KWm	113	144	174	213	257	310
Lubrication system capacity (max)	l.	12.2	12.2	18.9	18.9	26.5	26.5

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation	IP	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

GENERAL FEATURES			FC 350	FC 450	FC 500	FC 636	FC 800	FC 900
Continuous output	(PRP) 400V kVA (kW)		350 (280)	450 (360)	500 (400)	636 (508.8)	800 (640)	900 (720)
Stand-by output	(LTP) 400V kVA (kW)		385 (308)	495 (544)	550 (440)	700 (560)	880 (704)	990 (792)
Phases			3	3	3	3	3	3
Frequency	(Hz)		50	50	50	50	50	50
Power factor	cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load	l/h		39	51.3	54.7	64	85	94
Fuel consumption at 75% load	l/h		57	74.3	78.7	104	121	139
Fuel consumption at 100% load	l/h		76	95.9	103	140	161	184

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	3300x1400x1900	3000x1400x1900	3000x1400x1900	3650x1600x2300	4500x2000x2300	4300x2000x2450
Weight	Kg	2880	3480	3610	5800	6900	7950
Fuel tank capacity	l.	120	120	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	4260x1600x2205	4260x1600x2205	4260x1600x2205	5500x2000x2470	6550x2400x3200	7000x2400x3500
Weight	Kg	3470	4130	4260	7227	9600	10500
Fuel tank capacity	l.	120	120	120	120	120	120
Noise level	dB(A) at 7m	- / 70	- / 70	- / 70	- / 70	- / 70	- / 70

ENGINE

Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		NTA855G4	QSX15G6	QSX15G6	VTA28G5	QSK23G3	QST30G3
Num of cylinders and arrangement		6 in line	6 in line	6 in line	V 12	6 in line	V 12
Displacement	Cm ³	14000	15000	15000	28000	23100	30500
Starting system		24V	24V	24V	24V	24V	24V
Air intake		TC	TAA	TAA	TAA	TAA	TAA
Speed governor		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Cooling system		Water	Water	Water	Water	Water	Water
Coolant capacity	(max)	45	42	42	132	57	114
Continuous output	(PRP) kWm	317	414	444	560	700	806
Stand-by output	(LTP) kWm	351	459	500	612	765	895
Lubrication system capacity (max)	l.	38.6	91	91	68	103	154

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

ACCESSORIES

- Soundproof canopy
- Storage fuel tank
- Automatic fuel filling system kit
- Remote start/stop control unit
- Slow towing trailer
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

GENERAL FEATURES			FC 1000	FC 1275	FC 1400	FC 1875	FC 2000	
Continuous output	(PRP)	400V kVA (kW)	1000 (800)	1275 (1020)	1400 (1120)	1875 (1500)	2000 (1600)	
Stand-by output	(LTP)	400V kVA (kW)	1100 (880)	1400 (1120)	1540 (1232)	2060 (1648)	2200 (1760)	
Phases			3	3	3	3	3	
Frequency		(Hz)	50	50	50	50	50	
Power factor		cos ϕ	0.8	0.8	0.8	0.8	0.8	
Fuel consumption at 50% load		l/h	100	139	155	196	200	
Fuel consumption at 75% load		l/h	150	199	222	276	291	
Fuel consumption at 100% load		l/h	200	261	289	371	394	

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	4300x2000x2400	5300x2000x2250	5900x2050x2350	6100x2250x2600	6100x2250x2600	
Weight	Kg	8150	9750	11200	15200	16600	
Fuel tank capacity	L	120	120	120	120	120	

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	7000x2400x3500	9125x2435x2590	9125x2435x2590	12190x2435x2590	12190x2435x2590	
Weight	Kg	10850	5600	5800	8500	8500	
Fuel tank capacity	L	120	120	120	120	120	
Noise level	dB(A) at 7m	- / 70	- / 70	- / 70	- / 70	- / 70	

ENGINE

Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	
Model		QST30G4	KTA50G3	KTA50G8	QSK60G3	QSK60G4	
Num of cylinders and arrangement		12 V	12 V	16 V	16 V	16 V	
Displacement	Cm ³	30480	50000	50000	60000	60000	
Starting system		24V	24V	24V	24V	24V	
Air intake		TAA	TAA	TAA	TAA	TAA	
Speed governor		Electronic	Electronic	Electronic	Electronic	Electronic	
Cooling system		Water	Water	Water	Water	Water	
Coolant capacity (max)		-	152	240	242	242	
Continuous output (PRP)	kWm	880	1097	1200	1615	1730	
Stand-by output (LTP)	kWm	970	1227	1429	1790	1915	
Lubrication system capacity (max)	L	154	177	204	280	280	

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	
Protection degree	IP	21	21	21	21	21	
Isolation		H	H	H	H	H	
Regulation	IP	Electronic	Electronic	Electronic	Electronic	Electronic	

Technical data are given for information only. They are not binding for the vendor.



SERIES FD

20÷500 KVA - 1500 R/MIN DIESEL ENGINE



FD 350

FD 500



FLORIDIA

GENERAL FEATURES			FD 20	FD 30	FD 40	FD 60	FD 80	FD 100
Continuous output	(PRP) 400V kVA (kW)		20.2 (16.1)	30 (24)	40 (32)	59 (47.2)	74 (59.2)	106 (84.8)
Stand-by output	(LTP) 400V kVA (kW)		21.3 (17)	31.5 (25.2)	42 (33.6)	65 (52)	78 (62.4)	111 (88.8)
Phases			3	3	3	3	3	3
Frequency	(Hz)		50	50	50	50	50	50
Power factor	cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load	l/h		2.9	4	5.1	6.6	10.6	10.5
Fuel consumption at 75% load	l/h		3.9	5.4	7.1	10	15.4	15.4
Fuel consumption at 100% load	l/h		5.1	7.1	9.6	13.8	20.5	20.7

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	1500x800x1250	1600x800x1250	1800x800x1250	1700x850x1250	1700x850x1400	2000x850x1480
Weight	Kg	510	580	630	840	930	1075
Fuel tank capacity	l.	50	50	50	50	50	50

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	2200x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700	2700x1100x1700
Weight	Kg	850	980	1020	1300	1420	1600
Fuel tank capacity	l.	50	50	50	50	50	50
Noise level	dB(A) at 7m	-/ 68	-/ 68	-/ 69	-/ 69	-/ 69	-/ 69

ENGINE

Manufacturer		Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
Model		F3M 2011	F4M 2011	BF4M 2011	BF4M 2011C	BF4M 2012C	BF4M 1013EC
Num of cylinders and arrangement		3 in line	4 in line	4 in line	4 in line	4 in line	4 in line
Displacement	Cm ³	2330	3110	3110	3110	4040	4764
Starting system		12V	12V	12V	12V	12V	12V
Air intake		NA	NA	TC	TAA	TAA	TAA
Cooling system		Oil	Oil	Oil	Oil	Liquid	Liquid
Speed governor		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolant capacity	(max) Lt.	See oil engine	See oil engine	See oil engine	See oil engine	17.9	16.2
Continuous output	(PRP) kWm	19	27.6	36.4	54	64.9	94
Stand-by output	(LTP) kWm	20	29	38.2	59	64.9	94
Lubrication system capacity (max)	l.	8.5	13	13	13	13	11

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

GENERAL FEATURES			FD 130	FD160	FD 200	FD 250	FD 300	FD 350
Continuous output	(PRP)	400V kVA (kW)	130 (104)	164 (131.2)	205 (164)	250 (200)	315 (252)	350 (280)
Stand-by output	(LTP)	400V kVA (kW)	137 (109.6)	172 (137.6)	226 (180.8)	279 (223.2)	350 (280)	390 (312)
Phases			3	3	3	3	3	3
Frequency		(Hz)	50	50	50	50	50	50
Power factor		cos ϕ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load		l/h	13.8	17.2	23.8	29.6	31.9	35.6
Fuel consumption at 75% load		l/h	20.6	25.4	35.6	41.3	47.9	54
Fuel consumption at 100% load		l/h	28.2	33.8	47.6	51.7	65.2	73.9

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	2000x850x1480	2500x1100x1620	2600x1100x1900	3000x1400x1800	3000x1400x1890	3000x1400x1800
Weight	Kg	1326	1615	1964	2080	2280	2360
Fuel tank capacity	l.	120	120	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	3000x1100x1700	3000x1100x1700	3400x1200x2000	4260x1600x2205	4260x1600x2205	4260x1600x2205
Weight	Kg	1976	2265	2764	3070	3270	3370
Fuel tank capacity	l.	120	120	120	120	120	120
Noise level	dB(A) at 7m	- / 70	- / 70	- / 70	- / 70	- / 70	- / 70

ENGINE

Manufacturer		Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
Model		BF4M 1013FC	BF6M 1013EC	BF6M1013FC G3	TCD2013 L06 4V	BF6M 1015C G2	BF6M 1015 C G3
Num of cylinders and arrangement		4 in line	6 in line	6 in line	6 in line	90° - V 6	90° - V 6
Displacement	Cm³	4764	7146	7150	7146	11906	11906
Starting system		12V	12V	24V	24V	24V	24V
Air intake		TAA	TAA	TAA	TAA	TAA	TAA
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Speed governor		Electronic	Electronic	Electronic	Mechanical	Electronic	Electronic
Coolant capacity (max)		19.7	20.8	27.3	27	85	96
Continuous output (PRP)	KWm	113.4	144.2	178.6	216	271.2	301.1
Stand-by output (LTP)	kWm	119.8	141.2	196.6	241	301	335.1
Lubrication system capacity (max)	l.	13	20	20	26.5	38	38

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation	IP	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

GENERAL FEATURES		FD 400	FD 450	FD 500			
Continuous output	(PRP) 400V kVA (kW)	410 (328)	445 (356)	475 (380)			
Stand-by output	(LTP) 400V kVA (kW)	450 (360)	475 (380)	523 (418.4)			
Phases		3	3	3			
Frequency	(Hz)	50	50	50			
Power factor	cos ϕ	0.8	0.8	0.8			
Fuel consumption at 50% load	l/h	42.2	45.1	56.6			
Fuel consumption at 75% load	l/h	62.7	67.7	84.1			
Fuel consumption at 100% load	l/h	84.1	90.8	113.8			

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	3300x1800x2135	3300x1800x2135	3300x1800x2135			
Weight	Kg	3450	3600	3750			
Fuel tank capacity	l.	120	120	120			

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	4260x2000x2205	4260x2000x2205	4260x2000x2205			
Weight	Kg	4680	4900	5010			
Fuel tank capacity	l.	120	120	120			
Noise level	dB(A) at 7m	- / 70	- / 70	- / 70			

ENGINE

Manufacturer		Deutz	Deutz	Deutz			
Model		BF8M 1015 C G1	BF8M 1015 C G2	BF8M 1015 CP			
Num of cylinders and arrangement		90° - V 8	90° - V 8	90° - V 8			
Displacement	Cm³	15874	15874	15874			
Starting system		24V	24V	24V			
Air intake		TAA	TAA	TAA			
Cooling system		Liquid	Liquid	Liquid			
Speed governor		Electronic	Electronic	Electronic			
Coolant capacity	(max)	100	100	111			
Continuous output	(PRP) kWm	353	383	433.9			
Stand-by output	(LTP) kWm	387	408.5	477			
Lubrication system capacity (max)	l.	50	50	50			

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous			
Protection degree	IP	21	21	21			
Isolation		H	H	H			
Regulation		Electronic	Electronic	Electronic			

ACCESSORIES

- Soundproof canopy
- Storage fuel tank
- Automatic fuel filling system kit
- Remote start/stop control unit
- Slow towing trailer
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

Technical data are given for information only. They are not binding for the vendor.

SERIES

FVP

85÷630 KVA - 1500 R/MIN DIESEL ENGINE

VOLVO PENTA

FVP 500



FVP 500



FLORIDIA

GENERAL FEATURES		FVP 85	FVP 100	FVP 130	FVP 150	FVP 180	FVP 200
Continuous output (PRP) 400V kVA (kW)		85 (68)	100 (80)	130 (104)	152 (121.6)	186 (148.8)	205 (164)
Stand-by output (LTP) 400V kVA (kW)		94 (75.2)	109 (87.2)	142 (113.6)	167 (133.6)	205 (166.4)	226 (180.8)
Phases		3	3	3	3	3	3
Frequency (Hz)		50	50	50	50	50	50
Power factor cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load l/h		9.5	11.8	14.4	17.6	20.9	22.9
Fuel consumption at 75% load l/h		14	17.2	21.3	26.7	30.6	34
Fuel consumption at 100% load l/h		19.1	22.9	28.9	34.2	40.8	45.7

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height mm.		1700x850x1400	1700x850x1400	1700x850x1400	2400x850x1600	2400x850x1600	2400x850x1600
Weight Kg		930	1110	1230	1500	1610	1950
Fuel tank capacity l.		50	50	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height mm.		2700x1100x1700	2700x1100x1700	2700x1100x1700	3000x1100x1700	3000x1100x1700	3400x1200x2000
Weight Kg		1420	1600	1720	2080	2260	2764
Fuel tank capacity l.		50	50	120	120	120	120
Noise level dB(A) at 7m		-/ 68	-/ 69	-/ 69	-/ 70	-/ 70	-/ 70

ENGINE

Manufacturer		Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta
Model		TAD 530 GE	TAD 531 GE	TAD 532 GE	TAD 731 GE	TAD 732 GE	TAD 733 GE
Num of cylinders and arrangement		4 in line	4 in line	4 in line	6 in line	6 in line	6 in line
Displacement Cm ³		4760	4760	4760	7150	7150	7150
Starting system		12V	12V	12V	12V	24V	24V
Air intake		TAA	TC	TAA	TAA	TAA	TAA
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Speed governor		Mechanical	Electronic	Electro/Mechan.	Electro/Mechan.	Electronic	Electronic
Coolant capacity (max) Lt.		12.5	12.5	13	14	26	28.6
Continuous output (PRP) KWm		75	88	113	133	160	177
Stand-by output (LTP) kWm		83	98	124	148	179	197
Lubrication system capacity (max) l.		13	13	13	20	34	34

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree IP		21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

STANDARD VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer, battery lodged in the base, equipped with manual control panel, voltmeter, amperometer, frequency meter, hour meter, magneto thermic switch, electronic card for warning and protection against the common engine and alternator faults.

GENERAL FEATURES			FVP 250	FVP 300	FVP 350	FVP 400	FVP 450	FVP 500
Continuous output	(PRP) 400V	kVA (kW)	250 (200)	300 (240)	350 (280)	400 (320)	450 (360)	505 (404)
Stand-by output	(LTP) 400V	kVA (kW)	275 (220)	330 (264)	385 (308)	400 (352)	495 (396)	556 (444.8)
Phases			3	3	3	3	3	3
Frequency		(Hz)	50	50	50	50	50	50
Power factor		cos ϕ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 50% load		l/h	30.1	32.7	36.4	42.3	46.2	59.4
Fuel consumption at 75% load		l/h	42.1	47.4	52.5	62.6	68.6	87.8
Fuel consumption at 100% load		l/h	52.7	61.9	69.3	79.5	91	103

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	3000x1400x1800	3000x1400x1890	3300x1400x1900	3300x1400x1900	3300x1400x1900	3500x1500x1900
Weight	Kg	2080	2580	2820	2980	3200	3620
Fuel tank capacity	L	120	120	120	120	120	120

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	4260x1600x2205	4260x1600x2205	4260x1600x2205	4260x1600x2205	4260x1600x2205	5000x2000x2205
Weight	Kg	3070	3570	3770	3920	4370	5050
Fuel tank capacity	L	120	120	120	120	120	120
Noise level	dB(A) at 7m	-1 70	-1 70	-1 70	-1 70	-1 70	-1 70

ENGINE

Manufacturer		Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta
Model		TAD 734 GE	TAD 1341 GE	FAD 1342 GE	TAD 1344 GE	TAD 1345 GE	TAD 1641 GE
Num of cylinders and arrangement		6 in line	6 in line	6 in line	6 in line	6 in line	6 in line
Displacement	Cm ³	7150	12780	12780	12780	12780	16120
Starting system		24V	24V	24V	24V	24V	24V
Air intake		TAA	TAA	TAA	TAA	TAA	TAA
Cooling system		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Speed governor		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Coolant capacity	(max) Lt.	24	24	24	24	24	-
Continuous output	(PRP) kWm	216	271	303	354	388	430
Stand-by output	(LTP) kWm	241	298	333	389	431	473
Lubrication system capacity (max)	L	29	36	36	36	36	48

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation	IP	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

AUTOMATIC START VERSION

Diesel engine driven generating set mounted on a electro welded steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function to start the generator after a few seconds in the event of a mains supply interruption and vice versa. It also has the function of warning and protection against the common engine and alternator faults.

GENERAL FEATURES		FVP 550	FVP 630				
Continuous output	(PRP) 400V kVA (kW)	570 (456)	630 (504)				
Stand-by output	(LTP) 400V kVA (kW)	630 (504)	700 (560)				
Phases		3	3				
Frequency	(Hz)	50	50				
Power factor	cos ϕ	0.8	0.8				
Fuel consumption at 50% load	l/h	57.5	61.7				
Fuel consumption at 75% load	l/h	85.8	93.2				
Fuel consumption at 100% load	l/h	116.7	125.4				

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	3500x1500x2120	3500x1500x2120				
Weight	Kg	3780	4100				
Fuel tank capacity	l.	120	120				

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	5000x2000x2205	5000x2000x2205				
Weight	Kg	5050	5780				
Fuel tank capacity	l.	120	120				
Noise level	dB(A) at 7m	- / 70	- / 70				

ENGINE

Manufacturer		Volvo Penta	Volvo Penta				
Model		TAD 1642 GE	TWD 1643 GE				
Num of cylinders and arrangement		6 in line	6 in line				
Displacement	Cm ³	16120	16120				
Starting system		24V	24V				
Air intake		TAA	TAA				
Cooling system		Liquid	Liquid				
Speed governor		Electronic	Electronic				
Coolant capacity	(max)	-	-				
Continuous output	(PRP) kWm	465	536				
Stand-by output	(LTP) kWm	536	596				
Lubrication system capacity (max)	l.	48	48				

ALTERNATOR

Type		Synchronous	Synchronous				
Protection degree	IP	21	21				
Isolation		H	H				
Regulation		Electronic	Electronic				

ACCESSORIES

- Soundproof canopy
- Storage fuel tank
- Automatic fuel filling system kit
- Remote start/stop control unit
- Slow towing trailer
- NA naturally aspired
- TC turbocharged
- TAA turbocharged after cooled

Technical data are given for information only. They are not binding for the vendor.

SERIES

FAM

5 ÷ 40 KVA - CE MARKED AND CERTIFIED

FAM 22



FLORIDIA

SPEED 3000 R/MIN

GENERAL FEATURES			FAM 5/2	FAM 6.5/2	FAM 8/2	FAM 10/2	FAM 12.5/2	FAM 16/2	FAM 22/2	FAM 30/2
Continuous output	(PRP) 400V	kVA (kW)	5.5 (4.4)	7.15 (5.7)	8.8 (7)	11 (8.8)	13.75 (11)	17.6 (14)	24.2 (19.3)	33 (26.4)
Continuous output	(PRP) 230V	kVA (kW)	5 (4)	6.5 (5.2)	8 (6.4)	10 (8)	12.5 (10)	16 (12.8)	22 (17.6)	30 (24)
Frequency		(Hz)	50	50	50	50	50	50	50	50
Power factor		cos φ	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Ratio			1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Tractor power		HP	10	25	35	35	45	50	60	80

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	750x850x850	750x850x850	750x850x850	750x850x850	750x850x850	750x850x850	850x900x1000	850x900x1000
Weight	Kg	65	75	80	85	120	125	140	185

SPEED 1500 R/MIN

GENERAL FEATURES			FAM 6.5	FAM 8	FAM 10	FAM 13.5	FAM 16	FAM 22	FAM 30	FAM 40
Continuous output	(PRP) 400V	kVA (kW)	7.15 (5.7)	8.8 (7)	11 (8.8)	14.8 (11.8)	17.6 (14)	24.2 (19.3)	33 (26.4)	44 (35.2)
Continuous output	(PRP) 230V	kVA (kW)	6.5 (5.2)	8 (6.4)	10 (8)	13.5 (10.8)	16 (12.8)	22 (17.6)	30 (24)	40 (32)
Frequency		(Hz)	50	50	50	50	50	50	50	50
Power factor		cos φ	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Ratio			1:3.5	1:3.5	1:3.5	1:3.5	1:3.5	1:3.5	1:3.5	1:3.5
Tractor power		HP	25	35	35	45	50	60	80	100

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	750x850x850	750x850x850	750x850x850	750x850x850	750x850x850	850x900x1000	850x900x1000	850x900x1000
Weight	Kg	105	118	135	150	160	215	250	300

STANDARD VERSION

Alternator over gear set with base frame with 3 points connection for easy application to different types of tractors. It is equipped with control panel, amperometer, hour meter, magneto thermic switch, n.1 single phase socket and n.1 three phase socket. The connection to the power take-off of tractor is made through a cardan shaft. The spindle speeder with oil bath lubrication is complete with guard.

ACCESSORIES

- Differential protection
- Cardan joint
- Slow towing trailer

Technical data are given for information only. They are not binding for the vendor.

SERIES FLS

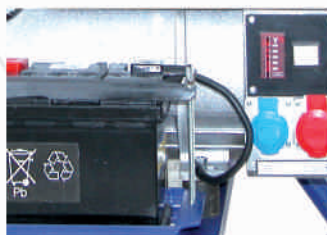
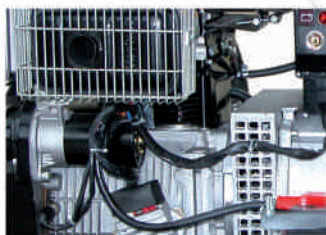
170÷400 A - 3000 R/MIN DIESEL ENGINE

LOMBARDINI®



FLS 300

FLS 300



FLORIDA

GENERAL FEATURES			FLS 170	FLS 200	FLS 220	FLS 220T	FLS 300	FLS 400
Welding output	AMPERE		170 D.C.	200 D.C.	220 D.C.	220 D.C.	300 D.C.	400 D.C.
Continuous output	(PRP) 230V kVA (kW)		3 (2.4)	4 (3.2)	5 (4)	3.5 (2.8)	4 (3.2)	4 (3.2)
Continuous output	(PRP) 400V kVA (kW)					6.5 (5.2)	10 (8)	10 (8)
Phases			1 + N	1 + N	1 + N	3	3	3
Frequency	(Hz)		50	50	50	50	50	50
Power factor	cos ϕ		0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 100% load	l/h		0.9	1.4	1.5	1.7	1.8	2.2

DIMENSIONS WITHOUT SOUNDPROOF CANOPY

Length x Width x Height	mm.	700x450x600	700x450x600	700x450x600	700x450x600	900x600x750	1250x750x800
Weight	Kg	90	90	100	100	190	250
Fuel tank capacity	L	4.3	4.3	4.3	4.3	7	20

DIMENSIONS WITH SOUNDPROOF CANOPY

Length x Width x Height	mm.	1000x800x1000	1000x800x1000	1000x800x1000	1000x800x1000	1300x800x1100	1600x900x1350
Weight	Kg	180	190	200	200	300	370
Fuel tank capacity	L	20	20	20	20	20	20
Noise level	dB(A) at 7m	-170	-170	-170	-170	-170	-170

ENGINE

Manufacturer		Lombardini	Lombardini	Lombardini	Lombardini	Lombardini	Lombardini
Model		15 LD 400	15 LD 440	15 LD 500	15 LD 500	25 LD 425/2	9 LD 625/2
Num of cylinders and arrangement		1	1	1	1	2	2
Displacement	Cm ³	401	442	505	505	851	1248
Starting system		12V	12V	12V	12V	12V	12V
Air intake		Aspired	Aspired	Aspired	Aspired	Aspired	Aspired
Continuous output (PRP)	KWm	6.20	6.80	7.8	7.8	11.50	19.12
Lubrication system capacity (max)	L	1.5	1.5	1.5	1.5	1.8	2.8

ALTERNATOR

Type		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree	IP	21	21	21	21	21	21
Isolation		H	H	H	H	H	H
Regulation		Compound	Compound	Compound	Compound	Compound	Compound

ELECTRIC START VERSION

Diesel engine driven motor welding set equipped with control panel for starting or stopping, battery lodged in the base, voltmeter, n. 2 single-phase sockets or n. 1 single phase socket, n. 1 three phase socket and thermal button for protection against surcharge.

ACCESSORIES

- Soundproof canopy
- Differential protection
- Hand trolley
- Slow towing trailer
- Welding kit: plies, cables and other different accessories

Technical data are given for information only. They are not binding for the vendor.

ACCESSORIES



Modem GSM



Start/stop radio control kit



Remote control cable 15 m



Single/three phase differential switch



Automatic control panel



Parallel control panel



Exhaust gas hose



Welding kit



■ Liquid - cooled engines heater



■ Air - cooled engines heater



■ Automatic fuel filling unit



■ Storage fuel tank



■ Hand trolley



■ Slow towing trailer



AFTER SALES SERVICE AND SPARE PARTS

The creation of the after sales service represents FLORIDIA SRL's commitment to customer care and satisfaction before, during and after the products sales. FLORIDIA SRL uses adequate repair and diagnostic equipments for all its generating sets. The highly trained and professional staff ensures an effective and prompt service in case of engine trouble. With its wide and well stocked warehouse FLORIDIA SRL is able to supply spare parts over the whole national territory and abroad within few days of the order.



SPARE PARTS



SPECIAL APPLICATIONS

FLORIDIA SRL is successfully present in the market as leader in turn-key projects for high technology power systems solutions both for civil and military applications.

A team of prepared and well informed designers and technicians supports the customer into definition of technical requirements and in the effort to offer the most adequate solutions at the most competitive prices.

The same team will be in charge of the follow-up of project activities in compliance with required performances and agreed delivery times.

According to particular customer's needs, the follow-up of the projects for special applications can be supported by the following activities:

Engineering

- Feasibility and dimensioning studies
- Technical requirements analysis and applicable standards verification
- Preparation of technical specification for bids
- CAD design on specific customer request
- Technical analysis and reports
- Logistic studies (Reliability, maintainability)

Management Planning and System Control

- Project Quality Management and Control
- Design activities planning and control
- Control of System Configuration
- Procurement planning and control
- State of work planning and control





Mobile energy station



notes



notes



notes



notes





Viale delle Industrie, 26 - Z.I. Modica-Pozzallo
97015 - Modica - Ragusa (Italy)
Tel. +39 0932.777900 / 777052 - Fax +39 0932.777458

www.floridiasrl.it - info@floridiasrl.it