





Generating Sets





the company

FLORIDA 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

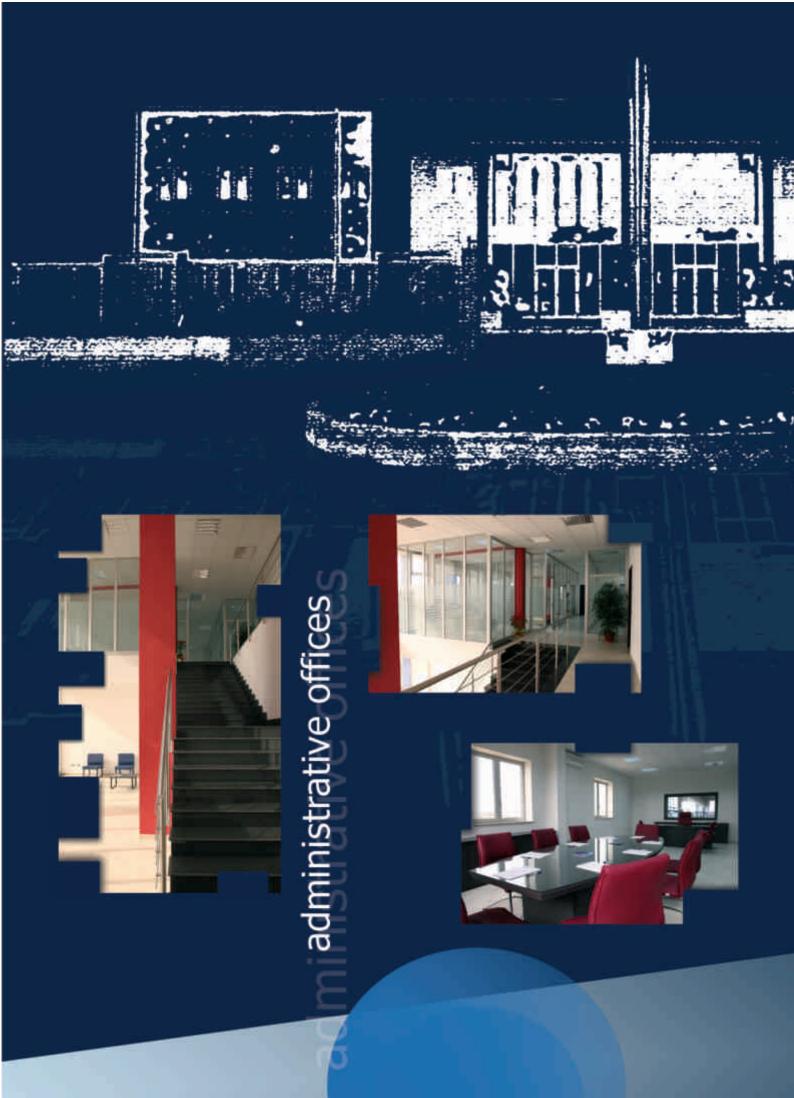
During the last few years the increase in the production has lead to the creation of a new establishment with wide and more efficient premises in a total work area of 30,000 square meters. The new factory is located in the industrial area of Pozzallo (Rg) - ITALY, in a strategic location near the commercial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





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the production shop



1700 Bazzi 











ENGINE - AIR COOLING - CE MARKED AND CERTIFIED

GENER	AL FEATUR	ES		FHB 3 M	FHB 5 M	FHB 6 M	FHB 10 M	FHB 7 T	FHB 10 T
Continuous output	(PRP) 2	OV KVA	(kW)	2.7 (2.1)	4.5 (3.6)	6 (4.8)	10 (8)		1
Stand-by output	(LTP) 23	OV KVA	(kW)	3 (2.4)	5 (4,0)	6.6 (5.2)	11 (8.8)		
Continuous output	(PRP) 4	OV KVA	(kW)					7 (5.6)	11.7 (9.3)
Stand-by output	(LTP) 40	OV 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 1	75% load		Uh	0.9	16	2.1	3.8	2.1	3,8
DIMENSIONS WIT	HOUT SOU	DPRO	OF CA	NOPY					
Length x Width x Heig	int		mm.	620x400x500	700x500x500	700x500x500	850x500x570	700x500x500	850x500x570
and the second se			Kg	40	61	89	98	91	103
Weigth			- 699	14		11.2717			
Weigth Fuel tank capacity	-		L		6	6.5	11	6.5	11
						6.5	11	6.5	11
Fuel tank capacity ENGINE						6.5 Honda	11 Honda	6.5 Honda	11 Honda
Fuel tank capacity ENGINE Manufacturer				3.6	6			XVA.	
Fuel tank capacity ENGINE Manufacturer Model				3.6 Honda	6 Honda	Honda	Honda	Honda	Honda
Fuel tank capacity ENGINE Manufacturer Model Num of cylinders and				3.6 Honda GX 160 t	6 Honda GX-270	Honda GX 390	Honda GX 620	Honda GX 390	Honda GX 620
Fuel tank capacity ENGINE Manufacturer Model Num of cylinders and Displacement			9	3.6 Honda GX 160 t	6 Honda GX 270 1 270	Honda GX 390 1 389	Honda GX 620 2	Honda GX 390 1	Honda GX 620 2
Fuel tank capacity			9	3.6 Honda GX 160 1 163	6 Honda GX 270 1 270	Honda GX 390 1 389	Honda GX 620 2 614	Honda GX 390 1 389	Honda GX 620 2 614
Fuel tank capacity ENGINE Manufacturer Model Num of cylinders and Displacement Starting system	arrangement (PRP)		L Cm ³	3.6 Honda GX 160 1 163 Manual or Electric	6 Honda GX 270 1 270 Manual or Electric	Honda GX 390 1 389 Manual or Electric	Honda GX 620 2 614 Electric	Honda GX 390 1 389 Manual or Electric	Honda GX 620 2 614 Electric
Fuel tank capacity ENGINE Manufacturer Model Num of cylinders and Displacement Starting system Continuous output	arrangement (PRP)		L Cm ³	3.6 Honda GX 160 1 163 Manual or Electric	6 Honda GX 270 1 270 Manual or Electric	Honda GX 390 1 389 Manual or Electric	Honda GX 620 2 614 Electric	Honda GX 390 1 389 Manual or Electric	Honda GX 620 2 614 Electric
Fuel tank capacity ENGINE Manufacturer Model Num of cylinders and Displacement Starting system Continuous output ALTERM Type	arrangement (PRP)		L Cm ³	3.6 Honda GX 160 1 163 Manual or Electric 3.2 Synchronous	6 Honda GX 270 1 270 Manual or Electric 6.3	Honda GX 390 1 389 Manual or Electric 8.3	Honda GX 620 2 614 Electric 14	Honda GX 390 1 389 Manual or Electric 8.3	Honda GX 620 2 614 Electric 14
Fuel tank capacity ENGINE Manufacturer Model Num of cylinders and Displacement Starting system Continuous output ALTERM	arrangement (PRP)		L Cm³ kWm	3.6 Honda GX 160 1 163 Manual or Electric 3.2 Synchronous	6 Honda GX 270 1 270 Manual or Electric 6.3 Synchronous	Honda GX 390 1 389 Manual or Electric 8.3 Synchronous	Honda GX 620 2 614 Electric 14 Synchronous	Honda GX 390 1 389 Manual or Electric 8.3 Synchronous	Honda GX 620 2 614 Electric 14 Synchronous

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 weided 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



AIR COOLING - CE MARKED AND CERTIFIED

GENERAL	FEATL	IRES		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					
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 10	0% load		Mh	0.9	1,4	1,5	1.7	1.8	2.2
DIMENSIONS WITH	OUT SO	UNDP	ROOFCA	NOPY					
Lerigth x Width x Heigh	t)		mm.	700x450x600	700x450x600	700x450x600	700x450x600	900x600x750	900x600x750
Weigth			Kg	80	90	90	100	140	190
Fuel tank capacity			Ł	4.3	4.3	4.3	4.3	7	7
DIMENSIONS WITH	SOUND	PROC	OF CANOP	Y					
Length x Width x Heigh	ŧ),		mm.	1000x800x1000	1000x800x1000	1000x800x1000	1000x800x1000	1300x800x1100	1300x800x1100
Weigth			Kg	160	180	190	200	280	300
Fuel tank capacity			1	20	20	20	20	20	20
Noise level		d	B(A) at 7m	-/ 68	-/ 68	-/ 68	-/ 68	-/ 68	-/ 68
ENGINE					1				
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 ai	rangeme	int		7	1	t i	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 cap	acity (ma	x)	1	1.2	1.5	1.5	1.5	1.8	1.8
ALTERNA	TOR								
Тура				Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree			IP	21	21	21	21	21	21
Isolation				H	H	H	Н	н	н
Regulation				Condenser	Condenser	Condenser	Condenser	Condenser	Condenser

STANDARD VERSION

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

GENERA	L FEATURE	S	FLD 4 T	FLD 5 T	FLD 6 T	FLD 7 T	FLD 8 T	FLD 10 T
Continuous output	(PRP) 40	OV kVA (kW)	3.6 (2.9)	5.6 (4.5)	6.2 (5)	7.2 (5.8)	9 (7.2)	10 (8)
Stand-by output	(LTP) 400	W 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		005 Ø	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 1	00% load	l/h	0,9	1.4	1,5	1.7	1.8	2.2
DIMENSIONS WITH	OUT SOUN	DPROOF CA	NOPY					
Length x Width x Heig	ht	mm.	700x450x600	700x450x600	700x450x600	700x450x600	900x600x750	900x600x750
Weigth		Kg	80	90	90	100	140	160
Fuel tank capacity		L,	4.3	4.3	4,3	5	7	7
DIMENSIONS WITH	SOUNDPR	OOF CANOP	Υ					
Length x Width x Heig	hti	mm.	1000x800x1000	1000x800x1000	1000x800x1000	1000x800x1000	1300x900x1100	1300x900x110
Weigth		Kg	170	190	210	230	300	330
Fuel tank capacity		Ĺ,	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 8)	1	1	2 in line	2 in line
Displacement		Cm ²	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 ca	pacity (max)	L.	1.2	1.5	1,5	1,5	1.8	1.8
ALTERN	ATOR							
Тура			Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21	21	21
Isolation			н	н	Н	н	н	н
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 FI	EATURES		FLD 13 T	FLD 20 T	FLD 30 T		
Continuous output (P	PRP) 4001	/ kVA (kW)	13.4 (10.7)	18.8 (15)	27.9 (22.3)		1
Stand-by output (L	TP) 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	1/h	2.8	4	6.3		
IMENSIONS WITHOU	T SOUND	PROOF CA	NOPY				
ength x Width x Height		mm.	1250x750x800	1250x750x800	1300x800x900		
Weigth		Kg	240	250	320		1
Fuel tank capacity		L	15	20	20		
DIMENSIONS WITH SO	UNDPRO	OF CANOF	γ				
ength x Width x Height		mm.	1600x900x1300	1600x900x1350	2000x1000x1600		
Weigth		Kg	350	370	450		
Fuel tank capacity		1.	20	20	20		
Voise level		dB(A) at 7m	-/ 69	-/ 69	-/ 69		
ENGINE							
Manufacturer			Lombardini	Lombardini	Lombardini		1
Model			12 LD 477/2	9 LD 625/2	11 LD 626/3		
Num of cylinders and arran	gement		2 in line	2 in line	3 in line		
Displacement		Cm ²	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 capacit	y (max)	1,	3	2.8	5		
ALTERNATO	R						
Туре			Synchronous	Synchronous	Synchronous		
		IP	21	21	21		
Protection degree							
Protection degree isolation			H	H	н		

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

NA naturally aspired
 TC turbocharged
 TAA turbocharged after cooled



Engine - water cooling - CE marked and certified

GENERA	L FEATURE	S	FLWD 10	FLWD 16	FLWD 20	FLWD 25	FLWD 35	FLWD 40
Continuous output	(PRP) 400	V 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) 400 ^v	/ 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 10	0% load	l/h	2.2	3.5	4.7	5.5	7.5	8.1
DIMENSIONS WITH		PROOF CA	NOPY					
Length x Width x Heigh	t	mm.	1100x700x850	1200x700x850	1400x700x850	1400x750x850	1500x750x900	1500x750x900
Weigth		Kg	230	290	380	430	500	570
Fuel tank capacity		l.	20	20	30	30	50	50
DIMENSIONS WITH	SOUNDPRO	DOF CANOF	γ					
Length x Width x Heigh	ıt	mm.	1600x850x1300	1600x850x1300	1600x850x1300	1600x850x1300	2000X1000X1400	2000X1000X1400
Weigth		Kg	450	530	580	680	790	860
Fuel tank capacity		Ι.	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 a	rrangement		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 cap	acity (max)	Ι.	1.6	2.4	3.3	3.8	4.5	4.5
ALTERNA	TOR							
Туре			Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21	21	21
Isolation			Н	Н	Н	Н	Н	Н
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



ENGINE - WATER COOLING - CE MARKED AND CERTIFIED

GENERA	L FEATURES	3	FLPD 15T	FLPD 20T	FLPD 27T
Continuous output	(PRP) 400	V kVA (kW)	15 (12)	20 (16)	27 (21.6)
Stand-by output	(LTP) 400	W 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 f	ull load	1/h	3.5	4.7	5,5
DIMENSIONS WITH	HOUT SOUN	DPROOF CA	NOPY		
Length x Width x Heig	iht.	mm.	1200x700x850	1480x700x850	1400x750x850
Weigth		Kg	310	400	450
Fuel tank capacity		L	20	30	30
DIMENSIONS WITH	H SOUNDPR	OOF CANOF	Y		
Length x Width x Heig	ht	mm.	1600x850x1300	1600x850x1300	1900x850x1300
Weigth		Kg_	550	600	700
Fuel tank capacity		1.	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 (Pl	RP)	KWm	13,4	20,1	26,6
Oil pan capacity (max)		2.4	3.3	3.8
ALTERN	TOR				
Туре		2	Synchronous	Synchronous	Synchronous
Protection degree		LP.	21	21	21
Isolation			н	Н	Н
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 wolded 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



AIR COOLING - CE MARKED AND CERTIFIED

GENERA	L FEATU	RES		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 (8,6)	16.5 (13.2)
Phases				3	3	3
Frequency			(Hz)	50	50	50
Power factor			C05. Ø	0.8	0.8	0.8
Fuel consumption at 75	5% load		Vh	1.17	1.68	2.43
Fuel consumption at 10	0% load		Vh	1.56	2.24	3.24
DIMENSIONS WITH	OUT SO	UNDP	ROOF CA	NOPY		
Length x Width x Heigh	it		mm.	1250x750x800	1250x750x800	1400x800x900
Weigth			Kg	260	300	440
Fuel tank capacity			L	20	20	30
DIMENSIONS WITH	SOUND	PROC	F CANOF	Y		
Length x Width x Heigh	nt .		mm.	1600x900x1300	1600x900x1350	2000x1000x1600
Weigth			Kg	350	430	600
Fuel tank capacity			(L	20	20	30
Noise level		d	B(A) at 7m	-/ 68	-/ 68	-/ 68
ENGINE						
Manufacturer				Lombardini	Lombardini	Lombardini
Model				12LD477-2	9LD625-2	11LD626-3
Num of cylinders and a	irrangeme	int		2 in line	2 in line	3 in line
Displacement			Cm ²	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 cap	iačity (ma:	x)	L	3	2.8	5
ALTERN	ATOR					
Туре				Synchronous	Synchronous	Synchronous
Protection degree			ĮP	21	21	21
isolation				H	н	н
Regulation				Condenser	Condenser	Condenser

STANDARD VERSION

Desel 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

SERIES 5+25 KVA - 1500 R/MIN DIESEL ENGINE LORIDIA 0 A ATTENA 15 21 **FLW 15** CE DI FLORIDIA. ANUPPI ELETTROGENI

WATER COOLING - CE MARKED AND CERTIFIED

GENERAL F	EATURES		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	1/h	1	1,5	1.9	2.8	3.2	4.3
Fuel consumption at 100%	6 load	1/h	1.28	2	2.5	3.8	4.3	5,8
DIMENSIONS WITHOU	JT SOUND	PROOF CA	NOPY					
Length x Width x Height		mm.	1100x700x850	1200x700x850	1400x750x850	1400x750x850	1500x750x900	1500x750x900
Weigth		Kg	230	290	380	430	500	570
Fuel tank capacity		L	20	20	30	30	50	50
DIMENSIONS WITH SE	OUNDPRO	OF CANOP	Y					
Length x Width x Height		mm,	1600x850x1300	1600x850x1300	1600x850x1300	1600x850x1300	2000x1000x1400	2000x1000x1400
Weigth		Kg	450	530	580	680	790	860
Fuel tank capacity		1	20	20	30	30	50	50
Noise level	56	/B(A) at 7m	-/ 69	-/ 69	-/ 69	-/ 69	-/ 69	-/ 69
ENGINE		6. 1						
Manufacturer			Lombardini	Lombardini	Lombardini	Lombardini	Lombardini	Lombardini
Model			LDWF0CS702	LDWF0CS1003	LDWF0CS1404P	LDWCHD1603	LDWCHD2204	LDWCHD2204/7
Num of cylinders and arra	ngement		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 capaci	ty (max)	l,	1.6	2.4	3.3	3.8	4.5	4,5
ALTERNAT	DR			1.000			1.100	
Туре		-	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21	21	21
Isolation		1	н	н	H	н	Н	Н
Regulation			Compound	Compound	Compound	Compound	Compound	Compound

STANDARD VERSION

Desel 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 weided 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
 - toroorargeo anar cooleo



WATER COOLING . CE MARKED AND CERTIFIED

GENERAL	FEATUR	tes	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 7:	5% load	Vh	1,5	1.9	2,8	3.2
Fuel consumption at 10	beol %00	Vh	2	2.5	3,8	4.3
DIMENSIONS WITH	OUT SO	UNDPROOF C	NOPY			
Length x Width x Heigh	nt .	mm.	1200x700x850	1400x750x850	1400x750x850	1400x750x900
Weigth		Kg	310	400	450	500
Fuel tank capacity		L	20	20	30	50
DIMENSIONS WITH	SOUND	PROOF CANOL	PΥ			
Length x Width x Heigh	it	mm.	1600x850x1300	1600x850x1300	1900x850x1300	2000x1000x1400
Weigth		Kg.	550	600	700	810
Fuel tank capacity		I.	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 a	irrangemei	nt	2 in line	3 in line	4 in line	4 in line
Displacement			930	1395	1860	1860
Starting system			12V	12V	124	12V
Air Intake			NA	NA	NA	TC
Continuous output (PR	PY	KWn	7.5	11,3	15	18,9
Lubrication system cap	acity (m	ax) I.	1.6	2.4	3.3	3.8
ALTERNA	TOR	100.0		1.121		
Туре			Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21
Isolation			н	Н	Н	н
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 elternator faults.

ACCESSORIES

- Soundproof canopy

- Storage fuel tank
- Automatic fuel filling system

- Ramote start/stop control unit

- Slow towing trailer

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

NA naturally aspired TC turbocharged TAA turbocharged after cooled SERIES

FV

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

YANMAR



WATER COOLING - CE MARKED AND CERTIFIED

GENERA	L FEATU	RES	FY 10	FY15	FY 20	FY 30	FY 40
ontinuous output	(PRP)	400V kVA (kW)	10 (8)	15 (12)	20 (16)	30 (24)	40 (32)
tand-by output	(LTP)	400V kVA (kW)	11 (8.8)	16.5 (13.2)	22 (17.6)	33 (26.4)	44 (35.2)
nases			3	3	3	3	3
equency		(Hz)	50	50	50	50	50
ower factor		C05 Ø	0.8	0.8	0.8	0.8	0.8
el consumption at 7	5% load	1/h	1.9	2.8	3.8	6.1	8.7
al consumption at 1	00% load	Uh	2.5	3.7	5.1	8.1	11.6
ENSIONS WITH	IOUT SO	UNDPROOF C	ANOPY				
ngth x Width x Heig	ht	mm.	1400x750x850	1400x750x850	1500x750x900	1500x750x900	1500x750x900
eigth		Kg	320	360	450	480	520
el tank capacity		L	30	30	50	50	50
MENSIONS WITH	SOUND	PROOF CANO	PY				
ogth x Width x Heig	ht	.mm,	1600x850x1300	1600x850x1300	2000x1000x1400	2000x1000x1400	2000x1000x1400
eigth		Kg	520	550	640	670	730
el tank capacity		1	30	30	50	50	50
ise level		dB(A) at 7n	-/ 69	-/ 69	+ 69	-/ 69	-/ 69
ENGINE			-				
rufacturer			Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
del			3TNV78GB	3TNV88GB	4TNV88GB	4TNV98GB	4TNV98TGB
m of cylinders and a	arrangeme	nt	3 in line	3 in line	4 in line	4 in line	4 in line
placement		Cm ³	1118	1642	2190	3319	3319
arting system			12V	12V	12V	12V	12V
intake			NA	NA	NA.	NA	TC
eed governor		KWm	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
ontinuous output	(PRP)	KWn	8.2	12.2	16.4	30.7	37.7
and-by output	(LTP)	kWm	9	13.2	17.7	34.4	41,7
brication system cap	pacity (max	<) 1.	3.5	6,7	7.4	10.5	10.5
ALTERN	ATOR						
pe			Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
otection degree		IP	21	21	21	21	21
plation			н	Н	н	н	н
egulation			Compound	Compound	Compound	Electronic	Electronic

STANDARD VERSION Dissel engine driven generating set mounted on a electro weided steel base with anti vibration mounts, foel 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

Disselengine driven generating set mounted on a electro weided steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery todged 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

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

NA naturally aspired
 TC turbocharged
 TAA turbocharged after cooled

SERIES



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







AIR COOLING . CE MARKED AND CERTIFIED

GENERAL FE	ATURES		FV 20	FV 30	FV 40	FV 60
Continuous output (PR	P) 400V	kVA (kW)	19 (15)	28 (23)	37 (30)	59 (47)
Stand-by output (LT	P) 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% los	ad	1/h	3.5	4.9	6.4	9.5
uel consumption at 100% k	oad	1/11	4.9	6.9	9.1	13
IMENSIONS WITHOUT	SOUNDP	ROOF CA	NOPY			
ength x Width x Height		mm.	1300x850x1250	1500x850x1250	1700x850x1250	1700x850x1250
Weigth		Kg	520	630	700	840
Fuel tank capacity		L	30	50	50	50
DIMENSIONS WITH SOL	INDPROC	F CANOP	Y			
Length x Width x Height		mm.	1700x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700
Weigth		Kg	830	950	1020	1200
Fuel tank capacity		L	30	50	50	50
Noise level	(iB(A) at 7m	-/ 68	-/ 68	+/ 68	-/ 68
ENGINE	100			1.175		
Manufacturer			VM	VM	VM	VM
Model			SUN 2105E2	SUN 3105E2	SUN 3105TE2	SUN 4105TE2
Num of cylinders and arrang	ement		2 in line	3 in line	3 in line	4 in line
Displacement		Cm ²	1992	2987	2987	3984
Starting system			12V	12V	12V	12V
Air intake			NA	NA	TC	TC
Continuous output (P	RP)	kWm	18.5	27.5	36,5	58
Lubrication system capacity	(max)	L	6	7.6	7,6	9.4
ALTERNATOR						
Туре			Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21
Isolation			H	н	H	н
Regulation			Compound	Compound	Electronic	Electronic

STANDARD VERSION

Desel 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 weided 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

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

NA naturally aspired
 TC turbocharged
 TAA turbocharged after cooled

SERIES



WATER COOLING - CE MARKED AND CERTIFIED

GENER/	AL FEATU	RES	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	i/h	4.2	5,6	6,5	7	8.6	11
Fuel consumption at l	30% load	1/h	5.9	8.5	10.2	10.2	12.7	16.2
Fuel consumption at	100% load	Vh	7.7	10.6	12.6	13.7	17.1	22
DIMENSIONS WIT	HOUT SO	UNDPROOF C	ANOPY					
Length x Width x Heig	pht	mm.	1600x850x1250	1700x850x1250	1700x850x1250	1700x850x1250	1700x850x1400	2000x850x1480
Weigth		Kg	630	700	780	840	930	1075
Fuel tank capacity		1	50	50	50	50	50	50
DIMENSIONS WIT	H SOUND	PROOF CANO	PY					
Length x Width x Heig	tit	mm.	2200x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700	2700x1100x1700
Weigth		Kg	900	1080	1180	1300	1420	1600
Fuel tank capacity		1	50	50	50	50	50	50
Noise level		dB(A) at 7n	-/ 68	-/ 68	-/ 68	-/ 68	-/ 69	-/ 69
ENGINE								
Manufacturer			lveco	lveco	Iveco	lveco	lveco	lveco
Model			8035.E.15	F32 SM1A	F32 TM1A	NEF45 SM1A	NEF45 SM2A	NEF45 TM2A
Num of cylinders and	arrangeme	nt	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	1ZV	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	87
Stand-by output	(LTP)	kWm	32	40.5	51,7	59	73	96
	pacity (max	<) L	8.8	10.5	10.5	12.8	12.8	12.6
Lubrication system ca	ATOR							
Lubrication system ca ALTERN	THE REAL PROPERTY OF	and the second se		1 Charles and the second	Synchronous	Synchronous	Synchronous	Synchronous
ALTERN			Synchronous	Synchronous	Sylicitorious			
ALTERN		IP		21	21	21	21	21
ALTERN ALTERN Type Protection degree Isolation		IP	and the second sec			and the second second		and the second sec

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.

GENER	AL FEATU	RES	FA 130	FA 150	FA 200	FA 270	FA 300	FA 350
Continuous output	(PRP)	400V kVA (kW)	130 (104)	160 (128)	200 (160)	270 (216)	300 (240)	350 (280)
Stand-by output	(LTP) 4	00V 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		005 Ø	0.8	8.0	0.8	0.8	0.8	8.0
Fuel consumption at !	50% load	Vh	16	18	25.6	35,4	36.4	38,8
Fuel consumption at a	30% load	in	24	29	39	49	53.7	57.3
Fuel consumption at /	100% load	i/h	29	36	44	58.5	62.8	70
DIMENSIONS WIT	HOUT SOL	UNDPROOF CA	NOPY					
Length x Width x Heig	pht.	mm.	2200x850x1500	2400x850x1600	2400x850x1600	3000x1400x1800	3000x1400x1890	3000x1400x190
Weigth		Kg	1250	1500	1700	1950	2550	2680
Fuel tank capacity		L.	120	120	120	120	120	120
DIMENSIONS WIT	H SOUNDI	PROOF CANOP	ΥY					
Length x Width x Heig	phit	mm.	3000x1100x1700	3000x1100x1700	3000x1100x1700	4260x1600x2205	4260×1600×2205	4260x1600x220
Weigth		Kg	1900	2080	2400	3070	3150	3280
Fuel tank capacity		t.	120	120	120	120	120	120
Noise level		dB(A) at 7m	-170	-170	-/70	-/ 70	470	-170
ENGINE		1000	10.000	1.000		10.00	1.000	1000
Manufacturer		Ú.	lveco	lveco	lveco	lveco .	lveco	lveco
Model			NEF67 TM2A	NEF67 TM3A	NEF67 TE2A	CURSOR87 TE 1D	CURSOR10 TE1D	CURSOR13 TE2
Num of cylinders and	arrangemer	ıt	6 in line	6 in line				
Displacement		Cm ²	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)	Kwm	114	138	175	232	260	300
Stand-by output	(LTP)	kWm	125	152	193	255	286	330
Lubrication system ca	pacity (max) D	17.2	17.2	17	28	30	35
ALTERN	ATOR							
Гуре			Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21	21	21
Isolation			Н	Н	H	H	н	H

AUTOMATIC START VERSION Desel engine driven generating set mounted on a electro weided 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.

GENER	AL FEATURES	3	FA 400	FA 720	
Continuous output	(PRP) 400V	/ kVA (kW)	400 (320)	720 (576)	1
Stand-by output	(LTP) 400V	kVA (kW)	440 (352)	800 (640)	1
Phases			3	3	
Frequency		(Hz)	50	50	
Power factor		cos φ	0.8	0.8	
Fuel consumption at !	50% load	Vh	41.9	78	
Fuel consumption at l	30% load	Uti	63.8	113	
Fuel consumption at	100% load	1/h	81.3	148	
DIMENSIONS WIT	HOUT SOUND	PROOF CA	NOPY		
length x Width x Heig	pht	mm.	3000x1400x1900	4000x1600x2150	
Weigth		Kg	3050	4550	
Fuel tank capacity		1.	120	120	
DIMENSIONS WIT	H SOUNDPRO	OF CANOP	Υ		
Length x Width x Heig	ht	mm.	4260x1600x2205	5760x2000x2300	
Weigth	and the	Kg	3700	6600	
Fuel tank capacity		1	120	120	
Noise level		dB(A) at 7m	-170	-/ 70	
ENGINE					
Manufacturer			Iveco	lveco	
Model				Contractor and the second	
			CUPSOD42 TEDA	1/20 TE2	
	arrangement		CURSOR13 TE3A	V20 TE2	
Num of cylinders and	arrangement		6 in líne	90* - V 8	
Num of cylinders and Displacement	arrangement	Cm ³	6 in line 12900	90* - V 8 20000	
Num of cylinders and Displacement Starting system	arrangement		6 in line 12900 24V	90* - V/8 20000 24V	
Num of cylinders and Displacement Starting system Air intake	arrängement		6 in line 12900 24V TAA	90* - V:8 20000 24V TAA	
Num of cylinders and Displacement Starting system Air intake Speed governor	arrangement		6 in line 12900 24V TAA Electronic	90* - V 8 20000 24V TAA Electronic	
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system			6 in line 12900 24V TAA Electronic Liquid	90* - V/8 20000 24V TAA Electronic Liquid	
Num of cylinders and Displacement Starting system Air Intake Speed governor Cooling system Coolant capacity	(max)	Ċm³	6 in line 12900 24V TAA Electronic Liquid 67	90* - V:8 20000 24V TAA Electronic Liquid 85	
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Cooling system Coolant capacity Continuous output	(max) (PRP)	Cm³ KWm	6 in line 12900 24V TAA Electronic Liquid 67 352	90* - V:8 20000 24V TAA Electronic Liquid 85 609	
Num of cylinders and Displacement Starting system Air Intake Speed governor Cooling system Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP)	Cm³ KWm kWm	6 in line 12900 24V TAA Electronic Liquid 67 352 387	90* - V:8 20000 24V TAA Electronic Liquid 85 609 670	
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) spacity (max)	Cm³ KWm	6 in line 12900 24V TAA Electronic Liquid 67 352 387	90* - V:8 20000 24V TAA Electronic Liquid 85 609	
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity	(max) (PRP) (LTP) spacity (max)	Cm³ KWm kWm	6 in line 12900 24V TAA Electronic Liquid 67 352 387	90* - V:8 20000 24V TAA Electronic Liquid 85 609 670	
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) spacity (max)	Cm³ KWm kWm	6 in line 12900 24V TAA Electronic Liquid 67 352 387	90* - V:8 20000 24V TAA Electronic Liquid 85 609 670	
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERM Type	(max) (PRP) (LTP) spacity (max)	Cm³ KWm kWm	6 in line 12900 24V TAA Electronic Liquid 67 352 387 35	90* - V:8 20000 24V TAA Electronic Liquid 85 609 670 85	
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) spacity (max)	Cm³ KWm kWm 1.	6 in line 12900 24V TAA Electronic Liquid 67 352 387 35 35 35	90* - V:8 20000 24V TAA Electronic Liquid 85 609 670 85 5	

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

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

NA naturally aspired
 TC turbocharged
 TAA turbocharged after cooled

SERIES







WATER COOLING - CE MARKED AND CERTIFIED

GENERA	L FEATU	RES	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		C05 Ф	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 5	0% load	Vh	2	4.2	5.7	6.2	9.8	11.2
Fuel consumption at 7	5% load	Uhi	27	6.1	7.8	10.2	14.3	17.1
Fuel consumption at 1	00% load	Vh	3.7	7.8	10.4	15.3	18.6	22.6
DIMENSIONS WITH	OUT SO	UNDPROOF CA	NOPY					
Length x Width x Heig	ht	mm.	1500x850x1200	1700x850x1200	1800x850x1250	1800x850x1250	2000x900x1300	2000x900x1400
Weigth		Kg	410	650	800	920	1150	1493
Fuel tank capacity		1,	50	50	50	50	50	50
DIMENSIONS WITH	SOUND	PROOF CANOF	Υ					
Length x Width x Heig	ht .	mm.	1800x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700	2700x1100x1700
Weigth		Kg	910	930	1180	1270	1500	1950
Fuel tank capacity		1.	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	arrangeme	nt	4 in line	3 in line	3 in line	4 in line	4 in line	4 in line
Displacement		Cm ²	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	12.5	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 ca	pacity (max) L	10.6	7.4	7.4	8.5	8	8
ALTERN	ATOR							
Туре			Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21	21	21
Isolation			Н	н	H	Ĥ	H	н

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.

GENER	AL FEATU	RES	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		005 φ	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at t	50% load	1/h	16.4	17.2	24	24	.41	46
Fuel consumption at i	75% load	lih	24.3	25.8	35	36	59	65
Fuel consumption at '	100% load		30.9	33.1	45.2	45	76	85
DIMENSIONS WIT	HOUT SO	UNDPROOF CA	NOPY					
Length x Width x Heig	phi	mm.	2500x1000x1400	2500x1000x1500	2508x1000x1800	2600x1000x1800	3000x1300x1900	3300x1300x190
Weigth		Kg	1300	1580	1900	2100	3200	3480
Fuel tank capacity		1.	120	120	120	120	120	120
DIMENSIONS WIT	H SOUND	PROOF CANOR	γY					
Length x Width x Heig	pht:	mm,	3100x1100x1700	3100x1100x1700	3600x1300x2100	3600x1300x2100	4260×1600×2205	4260x1600x220
Weigth		Kg	1900	2190	2700	2900	4050	4200
Fuel tank capecity		1.	120	120	120	120	120	120
Noise level		dB(A) at 7m	-/ 69	-170	-470	-170	-/70	-170
ENGINE								
Manufacturer		1	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model			1106C-E66TAG2	1106C-E667AG3	1306C-E87TAG3	1306C-E87TAG6	2206C-E13TAG2	2206C-E13TAG
Num of cylinders and	arrangeme	nt	6 in fine	6 in line	6 in line	6 in line	6 in line	6 in line
Displacement		Cm ²	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-bt output	(LTP)	kWm	130.5	143.5	199	239	344	392
Lubrication system ca	ipacity (max	9: L	j je	8	26.4	26.4	40	40
ALTERN	ATOR	100.0						
Туре		1	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21	21	21
Totoetott begroo								
Isolation			Н	Н	H	H	Н	н

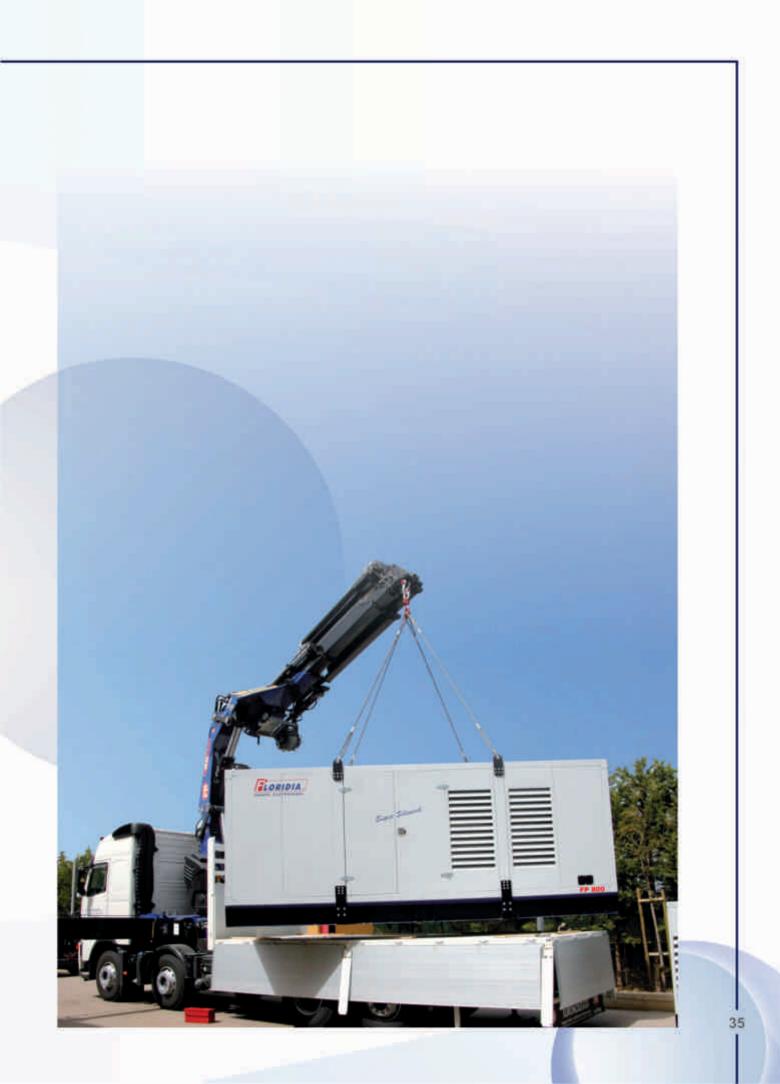
AUTOMATIC START VERSION Desel engine driven generating set mounted on a electro weided steel base with anti vibration mounts, fuel tank incorporated, exhaust silencer battery lodged in the base, equipped with automatic start control panel complete with automatic battery charger device having the function 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.

	L FEATUR	ES	FP 450	FP 500	FP 600	FP 650	FP 730	FP 800
Continuous output	(PRP) 40	00V kVA (kW)	455 (364)	500 (400)	600 (480)	650 (520)	750 (600)	800 (640)
Stand-by output	(LTP) 40	0V 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 5	0% load	Vh	51	55	61	66	83	90
Fuel consumption at 7	5% load	Uh	73	81	90	97	121	130
Fuel consumption at 1	00% load	1/h	99	106	123	132	157	172
DIMENSIONS WITH	HOUT SOUN	NDPROOF CA	NOPY					
ength x Width x Heig	ht	mm.	3300x1300x2200	3500x1300x2200	3500x1600x2200	3500x1600x2200	4000x1700x2200	4000x1700x220
Weigth		Kg	3800	3950	4420	4600	6193	6230
Fuel tank capacity		ί,	120	120	120	120	120	120
DIMENSIONS WITH	1 SOUNDPE	ROOF CANOF	Υ					
Length x Width x Heig	ht .	mm.	4400x1600x2205	4400x1600x2205	4900x2200x2500	4900x2200x2500	6400x2200x2500	6400x2200x250
Weigth		Kg	4800	4900	5750	5950	7700	7820
Fuel tank capacity		1,	120	120	120	120	120	120
Noise level		dB(A) at 7m	-/ 70	-/ 70	470	-/ 70	-/ 70	-/70
ENGINE								
Manufacturer		-	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model								
AIPAPES			2506C-E15TAG1	2506C-E15TAG2	2806A-E18TAG1A	2806A-E18TAG2	4006-23TAG2A	4006-23TAG3A
Alernas:	arrangement		2506C-E15TAG1 6 in line	2506C-E15TAG2 6 in line	2806A-E18TAG1A 6 in line	2806A-E18TAG2 6 in line	4006-23TAG2A 6 in line	4006-23TAG3A 6 in line
Num of cylinders and	arrangement	Cm ³				Canada and a market		
Num of cylinders and Displacement	arrangement	Cm²	6 in líne	6 in line	6 in line	6 in line	6 in line	6 in line
Num of cylinders and Displacement Starting system	arrängement	Cm²	6 in líne 15000	6 in line 15200	6 in line 18100	6 in line 18100	6 in line 22921	6 in line 22921
Num of cylinders and Displacement Starting system Air intake	arrangement	Cm³	6 in líne 15000 24V	6 in line 15200 24V	6 in line 18100 24V	6 in line 18100 24V	6 in line 22921 24V	6 in line 22921 24V
Num of cylinders and Displacement Starting system Air intake Cooling system	arrangement	Cm³	6 in line 15000 24V TAA	6 in line 15200 24V TAA	6 in line 18100 24V TAA	6 in line 18100 24V TAA	6 in line 22921 24V TAA	6 in line 22921 24V TAA
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor	arrangement (max)	Cm ³	6 in line 15000 24V TAA Liquid	6 in line 15200 24V TAA Liquid	6 in line 18100 24V TAA Liquid	6 in line 18100 24V TAA Liquid	6 in line 22921 24V TAA Liquid	6 in line 22921 24V TAA Liquid
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity		Cm³ KWm	6 in line 15000 24V TAA Liquid Electronic 58	6 in line 15200 24V TAA Liquid Electronic	6 in line 18100 24V TAA Liquid Electronic	6 in line 18100 24V TAA Liquid Electronic	6 in line 22921 24V TAA Liquid Electronic	6 in line 22921 24V TAA Liquid Electronic
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output	(max)		6 in line 15000 24V TAA Liquid Electronic 58 396	6 in line 15200 24V TAA Liquid Electronic 58	6 in line 18100 24V TAA Liquid Electronic 61	6 in line 18100 24V TAA Liquid Electronic 61	6 in line 22921 24V TAA Liquid Electronic 105	6 in line 22921 24V TAA Liquid Electronic 105
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP)	KWm	6 in line 15000 24V TAA Liquid Electronic 58 396 435	6 in line 15200 24V TAA Liquid Electronic 58 435	6 in line 18100 24V TAA Liquid Electronic 61 522	6 in line 18100 24V TAA Liquid Electronic 61 565	6 in line 22921 24V TAA Liquid Electronic 105 632	6 in line 22921 24V TAA Liquid Electronic 105 679
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP) pacity (max)	KWm kWm	6 in line 15000 24V TAA Liquid Electronic 58 396 435	6 in line 15200 24V TAA Liquid Electronic 58 435 478	6 in line 18100 24V TAA Liquid Electronic 61 522 574	6 in line 18100 24V TAA Liquid Electronic 61 565 609	6 in line 22921 24V TAA Liquid Electronic 105 632 695	6 in line 22921 24V TAA Liquid Electronic 105 679 760
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) pacity (max)	KWm kWm	6 in line 15000 24V TAA Liquid Electronic 58 396 435	6 in line 15200 24V TAA Liquid Electronic 58 435 478	6 in line 18100 24V TAA Liquid Electronic 61 522 574	6 in line 18100 24V TAA Liquid Electronic 61 565 609	6 in line 22921 24V TAA Liquid Electronic 105 632 695	6 in line 22921 24V TAA Liquid Electronic 105 679 760
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERN Type	(max) (PRP) (LTP) pacity (max)	KWm kWm	6 in line 15000 24V TAA Liquid Electronic 58 396 435 62	6 in line 15200 24V TAA Liquid Electronic 58 435 478 62	6 in line 18100 24V TAA Liquid Electronic 61 522 574 62	6 in line 18100 24V TAA Liquid Electronic 61 565 609 62	6 in line 22921 24V TAA Liquid Electronic 105 632 695 113.4	6 in line 22921 24V TAA Liquid Electronic 105 679 760 113.4
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) pacity (max)	KWm kWm I.	6 in line 15000 24V TAA Liquid Electronic 58 396 435 62 Synchronous	6 in line 15200 24V TAA Liquid Electronic 58 435 478 62 Synchronous	6 in line 18100 24V TAA Liquid Electronic 61 522 574 62 Synchronous	6 in line 18100 24V TAA Liquid Electronic 61 565 609 62 Synchronous	6 in line 22921 24V TAA Liquid Electronic 105 632 695 113.4 Synchronous	6 in line 22921 24V TAA Liquid Electronic 105 679 760 113.4 Synchronous

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

ochen	AL FEATUR	ES	FP 850	FP 900	FP 1000	FP 1250	
ontinuous output	(PRP) 40	OV kVA (kW)	849 (679)	911 (728)	1022 (818)	1253 (1002)	
tand-by output	(LTP) 40	OV kVA (kW)	935 (748)	1002 (802)	1093 (874)	1385 (1108)	1
hases			3	3	3	3	
requency		(Hz)	50	50	50	50	1
ower factor		cos φ	0.8	0.8	0.8	0.8	
uel consumption at i	50% load	in	72	98	109	143	1
uel consumption at	75% load	8h	105	143	163	196	
uel consumption at	100% load	肿	144	195	226	259	
IMENSIONS WIT	HOUT SOUN	IDPROOF CA	NOPY				
ength x Width x Heig	pht	mm.	4398x1752x2210	4398x1752x2210	4591x1752x2451	4852x1868x2686	
Veigth		Kg	6942	7144	7840	10284	
uel tank capacity		L	120	120	120	120	
IMENSIONS WIT	H SOUNDPR	ROOF CANOP	Y				
ength x Width x Heig	pht	mm.	6550×1900×3200	6550x1900x3200	7050x2000x3500	7410x2100x3700	1
Veigth	http://	Kg	9810	10012	10813	12150	
uel tank capacity		12	120	120	120	120	
oise level		dB(A) at 7m	-/ 70	-/70	470	-170	
ENGINE							
	8	-	Dealine	Duddan	Budden	Outline	-
lanufacturer		-	Perkins	Perkins	Perkins	Perkins	
lanufacturer. Iodel			4008TAG	4008TAG1A	4008TAG2A	4012-46TWG2A	
lanufacturer todel lum of cylinders and		(red)	4008TAG 8 en line	4008TAG1A 8 en line	4008TAG2A 8 en line	4012-46TWG2A 60" - V 12	
tanufacturer todel lum of cylinders and lisplacement		Cm³	4008TAG 8 en line 30561	4008TAG1A 8 en line 30561	4008TAG2A 8 en line 30561	4012-46TWG2A 60" - V 12 45842	
lanufacturer todel lum of cylinders and lisplacement tarting system		Cm³	4008TAG 8 en line 30561 24V	4008TAG1A 8 en line 30561 24V	4008TAG2A 8 en line 30561 24V	4012-46TWG2A 60" - V 12 45842 24V	
tanufacturer todel lum of cylinders and lisplacement starting system ir intake		Cm³	4008TAG 8 en line 30561 24V TAA	4008TAG1A 8 en line 30561 24V TAA	4008TAG2A 8 en line 30561 24V TAA	4012-46TWG2A 60" - V 12 45842 24V TAA	
tanufacturer todel lum of cylinders and lisplacement tarting system ir intake looling system		Cm³	4008TAG 8 en line 30561 24V TAA Liquid	4008TAG1A 8 en line 30561 24V TAA Liquid	4008TAG2A 8 en line 30561 24V TAA Liquid	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid	
tanufacturer todel lum of cylinders and lisplacement tarting system ir intake looling system peed governor	arrangement	Cm³	4008TAG 8 en line 30561 24V TAA Liquid Electronic	4008TAG1A 8 en líne 30561 24V TAA Liquid Electronic	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic	
tanufacturer todel lum of cylinders and lisplacement starting system ir intake looling system peed governor loolant capacity	arrangement		4008TAG 8 en line 30561 24V TAA Liquid Electronic 162	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic 149	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196	
lanufacturer todel um of cylinders and isplacement tarting system ir intake iooling system peed governor ioolant capacity iontinuous output	arrangement (max) (PRP)	KWm	4008TAG 8 en line 30561 24V TAA Liquid Electronic 162 715	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143 767	4008TAG2A 8 en line 30561 24V TAA Llquid Electronic 149 861	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196 1055	
lanufacturer lodel um of cylinders and isplacement tarting system ir intake ooling system peed governor oolant capacity ontinuous output tand-by output	arrangement (max) (PRP) (LTP)	KWm kWm	4008TAG 8 en line 30561 24V TAA Liquid Electronic 162	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic 149	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196	
lanufacturer lodel um of cylinders and isplacement tarting system ir intake ooling system peed governor oolant capacity ontinuous output tand-by output ubrication system ce	arrangement (max) (PRP) (LTP) (pacity (max)	KWm	4008TAG 8 en line 30561 24V TAA Liquid Electronic 162 715 787	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143 767 844	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic 149 861 924	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196 1055 1166	
tanufacturer todel lum of cylinders and lisplacement tarting system ir intake looling system peed governor	arrangement (max) (PRP) (LTP) (pacity (max)	KWm kWm	4008TAG 8 en line 30561 24V TAA Liquid Electronic 162 715 787	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143 767 844	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic 149 861 924	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196 1055 1166	
lanufacturer todel lum of cylinders and hisplacement tarting system ir intake looling system peed governor peed governor colant capacity continuous output tand-by output ubrication system ce	arrangement (max) (PRP) (LTP) (pacity (max)	KWm kWm	4008TAG 8 en line 30561 24V TAA Liquid Electronic 162 715 787	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143 767 844 153	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic 149 861 924	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196 1055 1166	
lanufacturer todel lum of cylinders and hisplacement tarting system ir intake cooling system peed governor coolant capacity continuous output tand-by output tand-by output ubrication system co ALTERM	arrangement (max) (PRP) (LTP) (pacity (max)	KWm kWm	4008TAG 8 en line 30561 24V TAA Liquid Electronic 162 715 787 165.6	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143 767 844 153	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic 149 861 924 153	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196 1055 1166 177	
lanufacturer todel lum of cylinders and hisplacement starting system ir intake looling system peed governor coolant capacity continuous output tand-by output tand-by output ubrication system ca ALTERN ype	arrangement (max) (PRP) (LTP) (pacity (max)	KWm kWm L	4008TAG 8 en line 30561 24V TAA Liquid Electronic 162 715 787 165.6	4008TAG1A 8 en line 30561 24V TAA Liquid Electronic 143 767 844 153 Synchronous	4008TAG2A 8 en line 30561 24V TAA Liquid Electronic 149 861 924 153 Synchronous	4012-46TWG2A 60" - V 12 45842 24V TAA Liquid Electronic 196 1055 1166 177	





- WATER COOLING - CE MARKED AND CERTIFIED

GENER/	AL FEATU	RES	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 q	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 5	0% load	Vh	3.5	4.3	5.4	6,5	6.1	12
Fuel consumption at 7	5% load	Uh	4.8	6.1	7.6	9.5	11	18
Fuel consumption at 1	00% load	Vh	6	8,5	9.9	12.8	14.7	22
DIMENSIONS WITH	HOUT SO	UNDPROOF C	ANOPY					
ength x Width x Heig	ht	mm	1600x850x1250	1600x850x1250	1700x850x1250	1700x850x1250	1700x850x1400	1700x850x1400
Weigth		Kg	530	680	790	880	930	980
Fuel tank capacity			50	50	50	50	50	50
DIMENSIONS WITH	SOUND	PROOF CANO	PY					
Length x Width x Heig	ht	mm	2200x900x1350	2200x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700
Neigth		K	810	960	1070	1190	1360	1480
Fuel tank capacity		1	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	Gummins
Model			X2.5G2	X3.3G1	\$3.8G4	\$3.8G6	\$3.8G7	QSB5G3
Num of cylinders and	arrangeme	nt	3 in line	4 in line	4 in line	4 in line	4 in line	4 in line
Displacement		Cm	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)	kWn	24	32	38.7	48,7	59.6	81
Stand-by output	(LTP)	kWn	27	36	43.4	53.6	64.9	94
Lubrication system ca	pacity (max	2. ANY 0	6.5	6.5	11	11	11	12.2
ALTERN	ATOR							
Туре			Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		- UF	21	21	21	21	21	21
Protection degree								
Isolation			Н	н	H.	H	Н	H

STANDARD VERSION Dissel 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.

OLIVEN	AL FEATI	JRES	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 q	0.8	0.8	0.8	0.8	0.8	0.8
Fuel consumption at	50% load	1/h	13	19	21	26	31	34
Fuel consumption at	75% load	Vh	20	27	30	36	46	49
Fuel consumption at	100% load	1/h	25	31	38	45	59	49
DIMENSIONS WIT	HOUT SO	UNDPROOF C	ANOPY					
Length x Width x Hei	ght	mn	. 2000x850x1480	2000x850x1480	2400x850x1600	2400x850x1600	3000x1400x1800	3000x1400x189
Weigth		K	1050	1130	1500	1700	1950	2650
Fuel tank capacity			50	120	120	120	120	120
DIMENSIONS WIT	H SOUND	PROOF CANC	PY					
Length x Width x Hei	gint	mm	2700x1100x1700	2700x1100x1700	3000x1100x1700	3000x1100x1700	4260x1600x2205	4260x1600x220
Weigth		к	1530	1610	2080	2400	3070	3150
Fuel tank capacity			. 50	50	120	120	120	120
Noise level		dB(A) at 7n	-/ 69	-/ 69	470	-/70	470	470
ENGINE	5							
Manufacturer	_	_	1.0	1 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A		1.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model			Cummins QSB5G5	Cummins QSB5G6	Cummins QSB7G3	Cummins QSB7G5	Cummins QSL9G3	Cummins QSL9G5
572541534	arrangeme	int	Second Street		10000000000	CONTRACTOR OF THE	the state	and the second s
Num of cylinders and	arrangeme	int Cm	QSB5G5 4 in line	QSB5G6	QSB7G3	QSB7G5	QSL9G3	QSL9G5
Num of cylinders and Displacement	arrangeme		QSB5G5 4 in line	QSB5G6 4 in line	QSB7G3 6 in line	QSB7G5 6 in line	QSL9G3 6 in line	QSL9G5 6 in line
Num of cylinders and Displacement Starting system	arrangerni		OSB5G5 4 in line 4500	QSB5G6 4 in line 4500	QSB7G3 6 in line 6600	QSB7G5 6 in line 6600	OSL9G3 6 in line 8800	QSL9G5 6 in line 8800
Num of cylinders and Displacement Starting system Air intake	arrangemi		QSB5G5 4 in line 4500 12V	QS85G6 4 in line 4500 12V	QSB7G3 6 in line 6600 12V	QSB7G5 6 in line 6600 12V	QSL9G3 6 in line 8800 24V	QSL9G5 6 in line 8800 24V
Num of cyfinders and Displacement Starting system Air intake Speed governor	arrangeme		QSB5G5 4 in line 4500 12V TAA	QS85G6 4 in line 4500 12V TAA	QSB7G3 6 in line 6600 12V TAA	QSB7G5 6 in line 6600 12V TAA	QSL9G3 6 in line 8800 24V TAA	QSL9G5 6 in line 8800 24V TAA
Num of cyfinders and Displacement Starting system Air intake Speed governor Cooling system	arrangemi (max)		OSB5G5 4 in line 4500 12V TAA Electronic	QS85G6 4 in line 4500 12V TAA Electronic	QSB7G3 6 in line 6600 12V TAA Electronic	OSB7G5 6 in line 6600 12V TAA Electronic	QSL9G3 6 in line 8800 24V TAA Electronic	QSL9G5 6 in line 8800 24V TAA Electronic
Num of cyfinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity		Cm	QSB5G5 4 in line 4500 12V TAA Electronic Water	QSB5G6 4 in line 4500 12V TAA Electronic Water	QSB7G3 6 in line 6600 12V TAA Electronic Water	QSB7G5 6 in line 6600 12V TAA Electronic Water	QSL9G3 6 in line 8800 24V TAA Electronic Water	QSL9G5 6 in line 8800 24V TAA Electronic Water
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Cooling system Cooling capacity Continuous output	(max)	Cm	QSB5G5 4 in line 4500 12V TAA Electronic Water - n 97	QSB5G6 4 in line 4500 12V TAA Electronic Water	QSB7G3 6 in line 6600 12V TAA Electronic Water 36	QSB7G5 6 in line 6600 12V TAA Electronic Water 26	QSL9G3 6 in line 8800 24V TAA Electronic Water 15	QSL9G5 6 in line 8800 24V TAA Electronic Water 15
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Cooling system Cooling capacity Continuous output Stand-by output	(max) (PRP) (LTP)	Cm KWr kWr	QSB5G5 4 in line 4500 12V TAA Electronic Water - n 97	QSB5G6 4 in line 4500 12V TAA Electronic Water - 128	QSB7G3 6 in line 6600 12V TAA Electronic Water 36 151	QSB7G5 6 in line 6600 12V TAA Electronic Water 26 182	QSL9G3 6 in line 8800 24V TAA Electronic Water 15 227	QSL9G5 6 in line 8800 24V TAA Electronic Water 15 268
Num of cyfinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP) apacity (ma	Cm KWr kWr	OSB5G5 4 in line 4500 12V TAA Electronic Water - 97 113	QS85G6 4 in line 4500 12V TAA Electronic Water - 128 144	QSB7G3 6 in line 6600 12V TAA Electronic Water 36 151 174	QSB7G5 6 in line 6600 12V TAA Electronic Water 26 182 213	QSL9G3 6 in line 8800 24V TAA Electronic Water 15 227 257	QSL9G5 6 in line 8800 24V TAA Electronic Water 15 268 310
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Cooling system Cooling capacity Continuous output Stand-by output Lubrication system ci ALTER	(max) (PRP) (LTP) apacity (ma	Cm KWr kWr	QSB5G5 4 in line 4500 12V TAA Electronic Water - n 97 113 12.2	QS85G6 4 in line 4500 12V TAA Electronic Water - 128 144	QSB7G3 6 in line 6600 12V TAA Electronic Water 36 151 174 18.9	QSB7G5 6 in line 6600 12V TAA Electronic Water 26 182 213 18.9	QSL9G3 6 In line 8800 24V TAA Electronic Water 15 227 257 257 26.5	QSL9G5 6 in line 8800 24V TAA Electronic Water 15 268 310 26.5
Model Num of cylinders and Displacement Starting system Air intake Speed governor Coolant capacity Coolant capacity Continuous output Stand-by output Lubrication system ca ALTER Type Protection degree	(max) (PRP) (LTP) apacity (ma	Cm KWr kWr	OSB5G5 4 in line 4500 12V TAA Electronic Water - 97 113 12.2 Synchronous	QS85G6 4 in line 4500 12V TAA Electronic Water - 128 144 12.2	QSB7G3 6 in line 6600 12V TAA Electronic Water 36 151 174 18.9	QSB7G5 6 in line 6600 12V TAA Electronic Water 26 182 213 18.9	QSL9G3 6 In line 8800 24V TAA Electronic Water 15 227 257 257 26.5	QSL9G5 6 in line 8800 24V TAA Electronic Water 15 268 310
Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Coolant capacity Continuous output Stand-by output Lubrication system ci ALTER/ Type	(max) (PRP) (LTP) apacity (ma	Cm KWr KWr	OSB5G5 4 in line 4500 12V TAA Electronic Water - 97 113 12.2 Synchronous	QSB5G6 4 in line 4500 12V TAA Electronic Water - 128 144 12.2 Synchronous	QSB7G3 6 in line 6600 12V TAA Electronic Water 36 151 174 18.9 Synchronous	QSB7G5 6 in line 6600 12V TAA Electronic Water 26 182 213 18.9 Synchronous	QSL9G3 6 in line 8800 24V TAA Electronic Water 15 227 257 257 26.5	QSL9G5 6 in line 8800 24V TAA Electronic Water 15 268 310 265 310 26.5

AUTOMATIC START VERSION Desel engine driven generating set mounted on a electro weided 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.

ULIALIN	AL FEATU	JRES	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 t	50% load	1/h	39	51.3	54.7	64	85	94
Fuel consumption at 1	5% load	ťh	57	74.3	78,7	104	121	139
Fuel consumption at	100% load	Vh	76	95.9	103	140	161	184
DIMENSIONS WIT	HOUT SO	UNDPROOF CA	NOPY					
ength x Width x Heig	iht	mm.	3300x1400x1900	3000x1400x1900	3000x1400x1908	3650x1600x2300	4500x2000x2300	4300x2000x245
Weigth		Kg	2880	3480	3610	5800	6900	7950
Fuel tank capacity		1,	120	120	120	120	120	120
DIMENSIONS WIT	HSOUNE	PROOF CANOF	Υ					
Length x Width x Heig	ht	mm.	4260x1600x2205	4260x1600x2205	4260x1600x2205	5500x2000x2470	6550x2400x3200	7000x2400x350
Weigth		Kg	3470	4130	4260	7227	9600	10500
Fuel tank capacity		1,	120	120	120	120	120	120
Noise level		dB(A) at 7m	-/ 70	-/ 70	470	-/ 70	-/ 70	-170
ENGINE								
	-							
27 BOOM	-	-	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Manufacturer	-	-	Cummins NTA855G4	Cummins QSX15G6	Cummins QSX15G8	Cummins VTA28G5	Cummins QSK23G3	Cummins QST30G3
Manufacturer Model		ent	and the second se		and contraints	C. C. LANDON	and a second state of the	
Manufacturer Model Num of cylinders and		ent Cm ⁴	NTA855G4	QSX15G6	QSX15G8	VTA28G5	QSK23G3	QST30G3
Manufacturer Model Num of cylinders and Displacement			NTA855G4 6 in line	QSX15G6 6 in line	QSX15G8 6 in line	VTA28G5 V 12	QSK23G3 6 in line	QST30G3 V 12
Manufacturer Model Num of cylinders and Displacement Starting system			NTA855G4 6 in line 14000	QSX15G6 6 in line 15000	QSX15G8 6 in line 15000	VTA28G5 V 12 28000	QSK23G3 6 in line 23100	QST30G3 V 12 30500
Manufacturer Model Num of cylinders and Displacement Starting system Air intake			NTA855G4 6 in line 14000 24V	QSX15G6 6 in line 15000 24V	QSX15G8 6 in line 15000 24V	VTA28G5 V 12 28000 24V	QSK23G3 6 in line 23100 24V	QST30G3 V 12 30500 24V
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor			NTA855G4 6 in line 14000 24V TC	QSX15G6 6 in line 15000 24V TAA	QSX15GB 6 in line 15000 24V TAA	VTA28G5 V 12 28000 24V TAA	QSK23G3 6 in line 23100 24V TAA	QST30G3 V 12 30500 24V TAA
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system			NTA855G4 6 in line 14000 24V TC Electronic	QSX15G6 6 in line 15000 24V TAA Electronic	QSX15GB 6 in line 15000 24V TAA Electronic	VTA28G5 V 12 28000 24V TAA Electronic	QSK23G3 6 in line 23100 24V TAA Electronic	QST30G3 V 12 30500 24V TAA Electronic
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity	arrangeme	Cm ³	NTA855G4 6 in line 14000 24V TC Electronic Water	QSX15G6 6 in line 15000 24V TAA Electronic Water	QSX15G8 6 in line 15000 24V TAA Electronic Water	VTA28G5 V 12 28000 24V TAA Electronic Water	QSK23G3 6 In line 23100 24V TAA Electronic Water	QST30G3 V 12 30500 24V TAA Electronic Water
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Continuous output	arrangemя (max)	Cm ³	NTA855G4 6 in line 14000 24V TC Electronic Water 45 317	QSX15G6 6 in line 15000 24\/ TAA Electronic Water 42	QSX15G8 6 in line 15000 24V TAA Electronic Water 42	VTA28G5 V 12 28000 24V TAA Electronic Water 132	QSK23G3 6 In line 23100 24V TAA Electronic Water 57	QST30G3 V 12 30500 24V TAA Electronic Water 114
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Coolant capacity Coolinuous output Stand-by output	arrangeme (max) (PRP) (LTP)	Cm ^a KWm kWm	NTA855G4 6 in line 14000 24V TC Electronic Water 45 317 351	QSX15G6 6 in line 15000 24V TAA Electronic Water 42 414	QSX15G8 6 in line 15000 24V TAA Electronic Water 42 444	VTA28G5 V 12 28000 24V TAA Electronic Water 132 560	QSK23G3 6 in line 23100 24V TAA Electronic Water 57 700	QST30G3 V 12 30500 24V TAA Electronic Water 114 806
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Coolant capacity Coolinuous output Stand-by output	arrangeme (max) (PRP) (LTP) pacity (ma	Cm ^a KWm kWm	NTA855G4 6 in line 14000 24V TC Electronic Water 45 317 351	QSX15G6 6 in line 15000 24V TAA Electronic Water 42 414 459	QSX15GB 6 in line 15000 24V TAA Electronic Water 42 444 500	VTA28G5 V 12 28000 24V TAA Electronic Water 132 560 612	QSK23G3 6 In line 23100 24V TAA Electronic Water 57 700 765	QST30G3 V 12 30500 24V TAA Electronic Water 114 806 895
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Coolant capacity Coolant capacity Continuous output Stand-by output Lubrication system ca	arrangeme (max) (PRP) (LTP) pacity (ma	Cm ^a KWm kWm	NTA855G4 6 in line 14000 24V TC Electronic Water 45 317 351	QSX15G6 6 in line 15000 24V TAA Electronic Water 42 414 459	QSX15GB 6 in line 15000 24V TAA Electronic Water 42 444 500	VTA28G5 V 12 28000 24V TAA Electronic Water 132 560 612	QSK23G3 6 In line 23100 24V TAA Electronic Water 57 700 765	QST30G3 V 12 30500 24V TAA Electronic Water 114 806 895 154
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Coolant capacity	arrangeme (max) (PRP) (LTP) pacity (ma	Cm ^a KWm kWm	NTA855G4 6 in line 14000 24V TC Electronic Water 45 317 351 38.6	QSX15G6 6 in line 15000 24V TAA Electronic Water 42 414 459 91	QSX15G8 6 in line 15000 24V TAA Electronic Water 42 444 500 91	VTA28G5 V 12 28000 24V TAA Electronic Water 132 560 612 68	QSK23G3 6 in line 23100 24V TAA Electronic Water 57 700 765 103	QST30G3 V 12 30500 24V TAA Electronic Water 114 806 895 154
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Speed governor Cooling system Coolant capacity Continuous output Stand-by output Lubrication system ca	arrangeme (max) (PRP) (LTP) pacity (ma	Cm ⁴ KWm kWm x) L	NTA855G4 6 in line 14000 24V TC Electronic Water 45 317 351 38.6	QSX15G6 6 in line 15000 24V TAA Electronic Water 42 414 459 91 91	QSX15G8 6 in line 15000 24V TAA Electronic Water 42 444 500 91 Synchronous	VTA28G5 V 12 28000 24V TAA Electronic Water 132 560 612 68 58	QSK23G3 6 In line 23100 24V TAA Electronic Water 57 700 765 103 Synchronous	QST30G3 V 12 30500 24V TAA Electronic Water 114 806 895 154 Synchronous

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

GENER	AL FEATI	JRES	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)
hasas			3	3	3	3	3
requency		(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	1/h	100	139	155	196	200
uel consumption at	75% load	1/h	150	199	222	276	291
uel consumption at	100% load	i/h	200	261	289	371	394
IMENSIONS WIT	HOUT SC	UNDPROOF CA	NOPY				
ength x Width x Hei	ght	mm.	4300x2000x2400	5300x2000x2250	5900x2050x2350	6100x2250x2600	6100x2250x2600
Veigth		Kg	8150	9750	11200	15200	16600
Fuel tank capacity		L	120	120	120	120	120
IMENSIONS WIT	H SOUNE	PROOF CANOF	Ϋ́Υ				
angth x Width x Hei	ght	mm,	7000x2400x3500	9125x2435x2590	9125x2435x2590	12190x2435x2590	12190x2435x2590
Veigth		Kg	10850	5600	5600	8500	8500
uel tank capacity		L.	120	120	120	120	120
loise level		dB(A) at 7m	-/ 70	-170	470	-170	-/ 70
ENGINE	6						
lanufacturer	I		Cummins	Cummins	Cummins	Cummins	Cummins
lanufacturer. Iodel			QST30G4	KTA50G3	KTA50G8	QSK60G3	QSK60G4
fanufacturer fodel lum of cylinders and			QST30G4 12 V	KTA50G3 12 V	KTA50G8 16 V	QSK60G3 16 V	QSK60G4 16 V
fanufacturer fodel lum of cylinders and iisplacement		ent Cm ^a	QST30G4 12 V 30480	KTA50G3 12 V 50000	KTA50G8 16 V 50000	QSK60G3 16 V 60000	QSK60G4 16 V 60000
Aanufacturer Nodel Num of cylinders and Displacement Starting system			QST30G4 12 V 30480 24V	KTA50G3 12 V 50000 24V	KTA50G8 16 V 50000 24V	QSK60G3 16 V 60000 24V	QSK60G4 16 V 60000 24V
Aanufacturer Model Num of cylinders and Displacement Starting system Nr Intake			QST30G4 12 V 30480 24V TAA	KTA50G3 12 V 50000 24V TAA	KTA50G8 16 V 59000 24V TAA	QSK60G3 16 V 60000 24V TAA	QSK60G4 16 V 60000 24V TAA
fanufacturer Aodel Num of cyfinders and Displacement Starting system Nr Intake Speed governor			QST30G4 12 V 30480 24V TAA Electronic	KTA50G3 12 V 50000 24V TAA Electronic	KTA50G8 16 V 50000 24V TAA Electronic	QSK60G3 16 V 60000 24V TAA Electronic	QSK60G4 16 V 60000 24 V TAA Electronic
Aanufacturer Nodel Num of cylinders and Displacement Starting system Air Intake Speed governor Cooling system	arrangemi		QST30G4 12 V 30480 24V TAA	KTA50G3 12 V 50000 24V TAA Electronic Water	KTA50G8 16 V 50000 24V TAA Electronic Water	QSK60G3 16 V 60000 24V TAA Electronic Water	QSK60G4 16 V 60000 24V TAA Electronic Water
fanufacturer fodel lum of cylinders and lisplacement starting system strintake peed governor Cooling system Cooling system	arrangemi (max)	Cm³	QST30G4 12 V 30480 24V TAA Electronic Water	KTA50G3 12 V 50000 24V TAA Electronic Water 152	KTA50G8 16 V 50000 24V TAA Electronic Water 240	QSK60G3 16 V 60000 24V TAA Electronic Water 242	QSK60G4 16 V 60000 24V TAA Electronic Water 242
tanufacturer todel lum of cylinders and lisplacement tarting system ir intake peed governor cooling system cooling system cooling capacity	arrangerni (max) (PRP)	Cm ³ kWm	QST30G4 12 V 30480 24V TAA Electronic Water - 880	KTA50G3 12 V 50000 24V TAA Electronic Water 152 1097	KTA50G8 16 V 50000 24V TAA Electronic Water 240 1200	QSK60G3 16 V 60000 24V TAA Electronic Water 242 1615	QSK60G4 16 V 60000 24V TAA Electronic Water 242 1730
fanufacturer fodel lum of cylinders and lisplacement tarting system ir intake peed governor cooling system coolant capacity coolant capacity continuous output tand-by output	arrangem (max) (PRP) (LTP)	Cm³ kWm kWm	QST30G4 12 V 30480 24V TAA Electronic Water - 880 970	KTA50G3 12 V 50000 24V TAA Electronic Water 152 1097 1227	KTA50G8 16 V 59000 24V TAA Electronic Water 240 1200 1429	QSK60G3 16 V 60000 24V TAA Electronic Water 242 1615 1790	QSK60G4 16 V 60000 24V TAA Electronic Water 242 1730 1915
anufacturer odel um of cylinders and isplacement tarting system ir intake peed governor ooling system ooling system oolint capacity ontinuous output tand-by output	arrangem (max) (PRP) (LTP)	Cm³ kWm kWm	QST30G4 12 V 30480 24V TAA Electronic Water - 880 970	KTA50G3 12 V 50000 24V TAA Electronic Water 152 1097	KTA50G8 16 V 50000 24V TAA Electronic Water 240 1200	QSK60G3 16 V 60000 24V TAA Electronic Water 242 1615	QSK60G4 16 V 60000 24V TAA Electronic Water 242 1730
fanufacturer fodel lum of cylinders and lisplacement tarting system ir intake peed governor cooling system coolant capacity coolant capacity continuous output tand-by output	arrangeme (max) (PRP) (LTP) apecity (ma	Cm³ kWm kWm	QST30G4 12 V 30480 24V TAA Electronic Water - 880 970	KTA50G3 12 V 50000 24V TAA Electronic Water 152 1097 1227	KTA50G8 16 V 59000 24V TAA Electronic Water 240 1200 1429	QSK60G3 16 V 60000 24V TAA Electronic Water 242 1615 1790	QSK60G4 16 V 60000 24V TAA Electronic Water 242 1730 1915
fanufacturer fodel lum of cylinders and lisplacement itarting system ir intake ipeed governor cooling system coolant capacity continuous output itand-by output ubrication system co ALTERI	arrangeme (max) (PRP) (LTP) apecity (ma	Cm³ kWm kWm	QST30G4 12 V 30480 24V TAA Electronic Water - 880 970	KTA50G3 12 V 50000 24V TAA Electronic Water 152 1097 1227 177	KTA50G8 16 V 50000 24V TAA Electronic Water 240 1200 1429 204	QSK60G3 16 V 60000 24V TAA Electronic Water 242 1615 1790 280	QSK60G4 16 V 60000 24V TAA Electronic Water 242 1730 1915 280
Manufacturer Model Num of cylinders and Displacement Starting system Air Intake Speed governor Cooling system Cooling system Cooling capacity Continuous output Stand-by output Lubrication system ca	arrangeme (max) (PRP) (LTP) apecity (ma	Cm³ kWm kWm	QST30G4 12 V 30480 24V TAA Electronic Water - 880 970 154	KTA50G3 12 V 50000 24V TAA Electronic Water 152 1097 1227 177	KTA50G8 16 V 50000 24V TAA Electronic Water 240 1200 1429 204	QSK60G3 16 V 60000 24V TAA Electronic Water 242 1615 1790 280	QSK60G4 16 V 60000 24V TAA Electronic Water 242 1730 1915 280
Manufacturer Model Num of cylinders and Displacement Starting system Nr intake Speed governor Cooling system Cooling system Cooling system Cooling capacity Cooling output Stand-by output Stand-by output Stand-by system ci ALTERI	arrangeme (max) (PRP) (LTP) apecity (ma	Cm³ kWm kWm x) L	QST30G4 12 V 30480 24V TAA Electronic Water - 880 970 154 Synchronous	KTA50G3 12 V 50000 24V TAA Electronic Water 152 1097 1227 177 377	KTA50G8 16 V 59000 24V TAA Electronic Water 240 1200 1429 204 Synchronous	QSK60G3 16 V 60000 24V TAA Electronic Water 242 1615 1790 280 Synchronous	QSK60G4 16 V 60000 24V TAA Electronic Water 242 1730 1915 280 Synchronous

Technical data are given for information only. They are not binding for the vendor. 40



SERIES

20+500 KVA - 1500 R/MIN DIESEL ENGINE









- WATER COOLING - DE MARKED AND CERTIFIED

GENER/	L FEATU	RES	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)	100V 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 5	0% load	Vh	2.9	4	5.1	6.6	10.6	10.5
Fuel consumption at 7	5% load	Uh	3.9	5.4	7.1	10	15.4	15,4
Fuel consumption at 1	00% load	1/h	5.t	7.1	9.6	13.8	20.5	20.7
DIMENSIONS WITH	HOUT SO	UNDPROOF C	ANOPY					
Length x Width x Heig	ht	mm	1500x800x1250	1600x800x1250	1800x800x1250	1700x850x1250	1700x850x1400	2000x850x148
Weigth		Kg	510	580	630	840	930	1075
Fuel tank capacity		1	50	50	50	50	50	50
DIMENSIONS WITH	1 SOUND	PROOF CANO	PY					
Length x Width x Heig	fit	mm	2200x900x1350	2200x900x1350	2200x900x1350	2700x1100x1700	2700x1100x1700	2700x1100x1700
Weigth		K	850	980	1020	1300	1420	1600
Fuel tank capacity		1	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	arrangemei	nt	3 in line	4 in line	4 in line	4 in line	4 in line	4 in line
Displacement		Cm	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	OI	Liquid	Liquid
Speed governor			Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolant capacity	(max)	Lt	See oil engine	See of 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)	kWit	20	29	38.2	59	64.9	94
Lubrication system ca	pacity (max) 1	8.5	13	13	13	13	11
ALTERN	ATOR							
Туре			Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IF	21	21	21	21	21	21
Isolation			н	Н	H	н	H	н

STANDARD VERSION

Dieset engine driven generating set mounted on a electro weided steel base with anti vibration mounts, fuel tank incorporated, exhaust siencer, 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.

GENER	AL FEATU	RES	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		005 Ø	0.8	0.8	0.8	0.8	8.0	0.8
Fuel consumption at :	50% load	1/h	13.8	17.2	23.8	29.6	31.9	35.6
Fuel consumption at	75% load	17h	20.6	25,4	35.6	41.3	47.9	54
Fuel consumption at	100% load	1/h	28.2	33.8	47.6	51.7	65.2	73.9
DIMENSIONS WIT	HOUT SO	UNDPROOF CA	NOPY					
Length x Width x Heij	ght	mm.	2000x850x1480	2500x1100x1620	2600x1100x1900	3000x1400x1800	3000x1400x1890	3000x1400x180
Weigth		Kg	1326	1615	1964	2080	2280	2360
Fuel tank capacity			120	120	120	120	120	120
DIMENSIONS WIT	H SOUNDI	PROOF CANOF	Υ					
Length x Width x Heij	ght.	mm.	3000x1100x1700	3000x1100x1700	3400x1200x2000	4260×1600×2205	4260x1600x2205	4260x1600x220
Weigth		Kg	1976	2265	2764	3070	3270	3370
Fuel tank capacity		Ι.	120	120	120	120	120	120
Noise level		dB(A) at 7m	170	-/ 70	470	-/ 70	-170	470
ENGINE		1000	1.10	1.100		1.10	11100	
Manufachuras								
vianuraciuren			Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
LV-MAN			Deutz BF4M 1013FC	Deutz BF6M 1013EC	Deutz BF6M1013FC G3	Second second second	Deutz BF6M 1015C G2	
Model	arrangemei	nt	1964) International Control	Incoment of the owner of the owner		Second second second	statute at the second of	
Model Num of cylinders and	arrangemei	nt Cm ³	BF4M 1013FC	BF6M 1013EC	BF6M1013FC G3	TCD2013 L06.4V	BF6M 1015C GZ	BF6M 1015 C G
Model Num of cylinders and Displacement	arrangemei		BF4M 1013FC 4 in line	BF6M 1013EC 6 in line	BF6M1013FC G3 6 in line	TCD2013 L06 4V 6 in line	BF6M 1015C G2 90" - V 6	BF6M 1015 C G 90° - V 6
Model Num of cylinders and Displacement Starting system	arrangemer		BF4M 1013FC 4 in line 4764	BF6M 1013EC 6 in line 7146	BF6M1013FC G3 6 in line 7150	TCD2013 L06 4V 6 in line 7146	BF6M 1015C GZ 90* - V 6 11906	8F6M 1015 C G 90° - V 6 11906
Model Num of cylinders and Displacement Starting system Air intake	arrangemer		BF4M 1013FC 4 in line 4764 12V	8F6M 1013EC 6 in line 7146 12V	8F6M1013FC G3 6 in line 7150 24V	TCD2013 L06 4V 6 in line 7146 24V	BF6M 1015C GZ 90* - V 6 11906 24V	BF6M 1015 C G 90° - V 6 11906 24V
Model Num of cylinders and Displacement Starting system Air intake Cooling system	arrangemer		BF4M 1013FC 4 in line 4764 12V TAA	8F6M 1013EC 6 in line 7146 12V TAA	BF6M1013FC G3 6 in line 7150 24V TAA	TCD2013 L06 4V 6 in line 7146 24V TAA	BF6M 1015C GZ 90" - V 6 11906 24V TAA	8F6M 1015 C G 90" - V 6 11906 24V TAA
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor	arrangemer (max)		BF4M 1013FC 4 in line 4764 12V TAA Liquid	BF6M 1013EC 6 in line 7146 12V TAA Liquid	BF6M1013FC G3 6 in line 7150 24V TAA Liquid	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid	BF6M 1015C GZ 90* - V 6 11906 24V TAA Liquid	8F6M 1015 C G 90* - V 6 11906 24V TAA Liquid
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity			BF4M 1013FC 4 in line 4764 12V TAA Liquid Electronic	BF6M 1013EC 6 in line 7146 12V TAA Liquid Electronic	BF6M1013FC G3 6 in line 7150 24V TAA Liquid Electronic	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid Mechanical	BF6M 1015C G2 90* - V 6 11906 24V TAA Liquid Electronic	8F6M 1015 C G 90* - V 6 11906 24V TAA Llquid Electronic
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output	(max)	Cm ^a	BF4M 1013FC 4 in line 4764 12V TAA Liquid Electronic 19.7 113.4	BF6M 1013EC 6 in line 7146 12V TAA Liquid Electronic 20.8	BF6M1013FC G3 6 in line 7150 24V TAA Liquid Electronic 27.3	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid Mechanical 27	BF6M 1015C G2 90" - V 6 11906 24V TAA Liquid Electronic 85	8F6M 1015 C G 90" - V 6 11906 24V TAA Liquid Electronic 96
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Coolant capacity Coolinuous output Stand-by output	(max) (PRP) (LTP)	Cm ^a KWm kWm	BF4M 1013FC 4 in line 4764 12V TAA Liquid Electronic 19.7 113.4 119.8	8F6M 1013EC 6 in line 7146 12V TAA Liquid Electronic 20.8 144.2	BF6M1013FC G3 6 in line 7150 24V TAA Liquid Electronic 27.3 178.6	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid Mechanical 27 216	BF6M 1015C G2 90* - V 6 11906 24V TAA Liquid Electronic 85 271.2	8F6M 1015 C G 90" - V 6 11906 24V TAA Liquid Electronic 96 301.1
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP) apacity (max	Cm ^a KWm kWm	BF4M 1013FC 4 in line 4764 12V TAA Liquid Electronic 19.7 113.4 119.8	8F6M 1013EC 6 in line 7146 12V TAA Liquid Electronic 20.8 144.2 141.2	BF6M1013FC G3 6 in line 7150 24V TAA Liquid Electronic 27.3 178.6 196.6	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid Mechanical 27 216 241	BF6M 1015C G2 90" - V 6 11906 24V TAA Liquid Electronic 85 271.2 301	8F6M 1015 C G 90" - V 6 11906 24V TAA Liquid Electronic 96 301.1 335.1
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Stand-by output Lubrication system ca	(max) (PRP) (LTP) apacity (max	Cm ^a KWm kWm	BF4M 1013FC 4 in line 4764 12V TAA Liquid Electronic 19.7 113.4 119.8	8F6M 1013EC 6 in line 7146 12V TAA Liquid Electronic 20.8 144.2 141.2 20	BF6M1013FC G3 6 in line 7150 24V TAA Liquid Electronic 27.3 178.6 196.6 20	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid Mechanical 27 216 241	BF6M 1015C G2 90* - V 6 11906 24V TAA Liquid Electronic 85 271.2 301 38	8F6M 1015 C G 90" - V 6 11906 24V TAA Liquid Electronic 96 301.1 335.1
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Coolant capacity Coolant capacity Coolant capacity Coolant capacity Stand-by output Stand-by output Lubrication system ca ALTERM Type	(max) (PRP) (LTP) apacity (max	Cm ^a KWm kWm	BF4M 1013FC 4 in line 4764 12V TAA Liquid Electronic 19.7 113.4 119.8 13	8F6M 1013EC 6 in line 7146 12V TAA Liquid Electronic 20.8 144.2 141.2 20	BF6M1013FC G3 6 in line 7150 24V TAA Liquid Electronic 27.3 178.6 196.6 20	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid Mechanical 27 216 241 26.5	BF6M 1015C G2 90* - V 6 11906 24V TAA Liquid Electronic 85 271.2 301 38	8F6M 1015 C G 90" - V 6 11906 24V TAA Llquid Electronic 96 301.1 335.1 38
Manufacturer Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTER Type Protection degree Isolation	(max) (PRP) (LTP) apacity (max	Cm ^a KWm kWm () I.	BF4M 1013FC 4 in line 4764 12V TAA Liquid Electronic 19.7 113.4 119.8 13 Synchronous	8F6M 1013EC 6 in line 7146 12V TAA Liquid Electronic 20.8 144.2 141.2 20 Synchronous	BF6M1013FC G3 6 in line 7150 24V TAA Liquid Electronic 27.3 178.6 196.6 20 Synchronous	TCD2013 L06 4V 6 in line 7146 24V TAA Liquid Mechanical 27 216 241 26.5 Synchronous	BF6M 1015C G2 90" - V 6 11906 24V TAA Liquid Electronic 85 271.2 301 38 Synchronous	8F6M 1015 C G 90" - V 6 11906 24V TAA Liquid Electronic 96 301.1 335.1 38 Synchronous

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.

GENER/	AL FEATUR	RES	FD 400	FD 450	FD 500		
Continuous output	(PRP) 4	00V kVA (kW)	410 (328)	445 (356)	475 (380)		
Stand-by output	(LTP) 4	00V kVA (kW)	450 (360)	475 (380)	523 (418,4)		
Phases			3	3	3		
Frequency		(Hz)	50	50	50		
Power factor		C05 φ	8.0	0.8	0.8		
Fuel consumption at 5	50% load	Vh	42.2	45,1	56.6	1	
Fuel consumption at 7	5% load	Vh	62.7	67.7	84.1		
Fuel consumption at 1	100% load	Vh	84.1	90,8	113.8		
DIMENSIONS WITH	HOUT SOU	INDPROOF CA	NOPY				
ength x Width x Heig	ht	mm.	3300x1800x2135	3300x1800x2135	3300x1800x2135		
Weigth		Kg	3450	3600	3750	1	
Fuel tank capacity		i,	120	120	120		
DIMENSIONS WITH	H SOUNDP	ROOF CANOF	Υ				
Length x Width x Heig	ht	mm.	4260x2000x2205	4260x2000x2205	4260x2000x2205		
Weigth		Kg	4680	4900	5010		
Fuel tank capacity		1,	120	120	120	1	
Noise level		dB(A) at 7m	-470	-/ 70	470		
ENGINE							
Vanufacturer		_		1			
Arthurburburburburga			Desister	Doubt	Boutz		
			Deutz BERM 1015 C C1	Deutz	Deutz		_
Model	arrannemen	1	BF8M 1015 C G1	BF8M 1015 C G2	BF8M 1015 CP		
Model Num of cylinders and	arrangemen		BF8M 1015 C G1 90* - V 8	BF8M 1015 C G2 90* - V 8	BF8M 1015 CP 90" - V 8		
Model Num of cylinders and Displacement	arrängemen	t Cm²	BF8M 1015 C G1 90* - V 8 15874	BF8M 1015 C G2 90* - V 8 15874	BF8M 1015 CP 90" - V 8 15874		
Model Num of cylinders and Displacement Starting system	arrangemen		BF8M 1015 C G1 90* - V 8 15874 24V	BF8M 1015 C G2 90" - V 8 15874 24V	BF8M 1015 CP 90" - V 8 15874 24V		
Model Num of cylinders and Displacement Starting system Air intake	arrangemen		BF8M 1015 C G1 90* - V 8 15874 24V TAA	BF8M 1015 C G2 90* - V 8 15874 24V TAA	BF8M 1015 CP 90" - V 8 15874 24V TAA		
Model Num of cylinders and Displacement Starting system Air intake Cooling system	arrangemen		BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid	BF8M 1015 C G2 90* - V 8 15874 24V TAA Liquid	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor			BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity	(max)	Cm²	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100	BF8M 1015 C G2 90* - V 8 15874 24V TAA Liquid Electronic 100	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output	(max) (PRP)	Cm² kWm	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100 353	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic 100 383	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111 433.9		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP)	Cm² kWm kWm	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100 353 387	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic 100 383 408.5	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111 433.9 477		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) pacity (max)	Cm² kWm kWm	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100 353 387	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic 100 383	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111 433.9		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP) pacity (max)	Cm² kWm kWm	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100 353 387	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic 100 383 408.5	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111 433.9 477		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) pacity (max)	Cm² kWm kWm	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100 353 387	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic 100 383 408.5	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111 433.9 477		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERN Type	(max) (PRP) (LTP) pacity (max)	Cm² kWm kWm	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100 353 387 50 Synchronous 21	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic 100 383 408.5 50 Synchronous 21	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111 433.9 477 50 Synchronous 21		
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) pacity (max)	Cm² KWm kWm L	BF8M 1015 C G1 90* - V 8 15874 24V TAA Liquid Electronic 100 353 387 50 Synchronous	BF8M 1015 C G2 90" - V 8 15874 24V TAA Liquid Electronic 100 383 408.5 50 Synchronous	BF8M 1015 CP 90" - V 8 15874 24V TAA Liquid Electronic 111 433.9 477 50		

ACCESSORIES

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

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

- NA naturally aspired
 TC turbocharged
 TAA turbocharged after cooled

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SERIES



- WATER COOLING - CE MARKED AND CERTIFIED

	AL FEATUR	ES	FVP 85	FVP 100	FVP 130	FVP 150	FVP 180	FVP 200
Continuous output	(PRP) 4	00V kVA (kW)	85 (68)	100 (80)	130 (104)	152 (121.6)	186 (148.8)	205 (164)
Stand-by output	(LTP) 4(00V RVA (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		C05 φ	8.0	0.8	0.8	0.8	0.8	0.8
Fuel consumption at 5	io% load	Vh	9.5	11.8	14.4	17.8	20.9	22.9
Fuel consumption at 7	5% load	Uh	14	17.2	21,3	26.7	30.6	34
Fuel consumption at 1	00% load	1/h	19.1	22.9	28.9	34.2	40.8	45.7
DIMENSIONS WITH	HOUT SOU	NDPROOF CA	NOPY					
Length x Width x Heig	ht	mm.	1700x850x1400	1700x850x1400	1700x850x1400	2400x850x1600	2400x850x1600	2400x850x1600
Weigth		Kg	930	1110	1230	1500	1610	1950
Fuel tank capacity		٤.	50	50	120	120	120	120
DIMENSIONS WITH	SOUNDP	ROOF CANOP	Y					
Length x Width x Heig	ht	mm.	2700x1100x1700	2700x1100x1700	2700x1100x1700	3000x1100x1700	3000x1100x1700	3400x1200x2000
Weigth		Kg	1420	1600	1720	2080	2260	2764
Fuel tank capacity		1,	50	50	120	120	120	120
Noise level		dB(A) at 7m	-/ 68	-/ 69	-/ 69	-/ 70	-/ 70	470
ENGINE								
Manufacturer			Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta
(Inde)			TAD 530 GE	TAD 531 GE	TAD 532 GE	TAD 731 GE	TAD 750 CE	West Street Street
MODEL			The start of the start has been		1MD 002 OC		IAU (DZ GE	TAD 733 GE
	arrangement	1)	4 in line	4 in line	4 in line	6 in line	TAD 732 GE 6 in line	TAD 733 GE 6 in line
Num of cylinders and	arrangement	Cm ²						
Num of cylinders and Displacement	arrangement		4 in line	4 in line	4 in line	6 in line	6 in line	6 in line
Num of cylinders and Displacement Starting system	arrangement		4 in líne 4760	4 in line 4760	4 in line 4760	6 in line 7150	6 in line 7150	6 in line 7150 24V
Num of cylinders and Displacement Starting system Air intake	arrangement		4 in line 4760 12V	4 in line 4760 12V	4 in line 4760 12V	6 in line 7150 12V	6 in line 7150 24V	6 in line 7150
Num of cylinders and Displacement Starting system Air intake Cooling system	arrängement		4 in line 4760 12V TAA	4 in line 4760 12V TC	4 in line 4760 12V TAA	6 in line 7150 12V TAA Liquid	6 in line 7150 24V TAA	6 in line 7150 24V TAA
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor	arrangement		4 in line 4760 12V TAA Liquid	4 in line 4760 12V TC Liquid	4 in line 4760 12V TAA Liquid	6 in line 7150 12V TAA Liquid	6 in line 7150 24V TAA Liquid	6 in line 7150 24V TAA Liquid
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity		Cm²	4 in line 4760 12V TAA Liquid Mechanical	4 in line 4760 12V TC Liquid Electronic	4 in line 4760 12V TAA Liquid Electro/Mechan	6 in line 7150 12V TAA Liquid Electro/Mechan	6 in line 7150 24V TAA Liquid Electronic	6 in line 7150 24V TAA Liquid Electronic
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output	(max)	Cm ³ Lt.	4 in line 4760 12V TAA Liquid Mechanical 12.5	4 in line 4760 12V TC Liquid Electronic 12.5	4 in line 4760 12V TAA Liquid Electro/Mechan 13	6 in line 7150 12V TAA Liquid Electro/Mechan 14	6 in line 7150 24V TAA Liquid Electronic 28	6 in line 7150 24V TAA Liquid Electronic 28.6
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP)	Cm² Lt. KWm	4 in line 4760 12V TAA Liquid Mechanical 12.5 75 83	4 in line 4760 12V TC Liquid Electronic 12.5 88	4 in line 4760 12V TAA Liquid Electro/Mechan 13 113	6 in line 7150 12V TAA Liquid Electro/Mechan 14 133	6 in line 7150 24V TAA Liquid Electronic 28 160	6 in line 7150 24V TAA Liquid Electronic 28.6 177
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP) pacity (max)	Cm ³ Lt. KWm kWm	4 in line 4760 12V TAA Liquid Mechanical 12.5 75 83	4 in line 4760 12V TC Liquid Electronic 12.5 88 98	4 in line 4760 12V TAA Liquid Electro/Mechan 13 113 124	6 in line 7150 12V TAA Liquid Electro/Mechan 14 133 148	6 in line 7150 24V TAA Liquid Electronic 28 160 179	6 in line 7150 24V TAA Liquid Electronic 28.6 177 197
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) pacity (max)	Cm ³ Lt. KWm kWm	4 in line 4760 12V TAA Liquid Mechanical 12.5 75 83	4 in line 4760 12V TC Liquid Electronic 12.5 88 98	4 in line 4760 12V TAA Liquid Electro/Mechan 13 113 124	6 in line 7150 12V TAA Liquid Electro/Mechan 14 133 148	6 in line 7150 24V TAA Liquid Electronic 28 160 179	6 in line 7150 24V TAA Liquid Electronic 28.6 177 197
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERN Type	(max) (PRP) (LTP) pacity (max)	Cm ³ Lt. KWm kWm	4 in line 4760 12V TAA Liquid Mechanical 12.5 75 83 13	4 in line 4760 12V TC Liquid Electronic 12.5 88 98 13	4 in line 4760 12V TAA Liquid Electro/Mechan 13 113 124 13	6 in line 7150 12V TAA Liquid Electro/Mechan 14 133 148 20	6 in line 7150 24V TAA Liquid Electronic 28 160 179 34	6 in line 7150 24V TAA Liquid Electronic 28.6 177 197 34
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERN Type Protection degree Isolation	(max) (PRP) (LTP) pacity (max)	Cm ² Lt. KWm kWm I.	4 in line 4760 12V TAA Liquid Mechanical 12.5 75 83 13 13	4 in line 4760 12V TC Liquid Electronic 12.5 88 98 13 13	4 in line 4760 12V TAA Liquid Electro/Mechan 13 113 124 13 Synchronous	6 in line 7150 12V TAA Liquid Electro/Mechan 14 133 148 20 Synchronous	6 in line 7150 24V TAA Liquid Electronic 28 160 179 34 Synchronous	6 in line 7150 24V TAA Liquid Electronic 28.6 177 197 34 Synchronous

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.

	AL FEATU	RES	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	1/b	30.1	32.7	36.4	42.3	46.2	59,4
Fuel consumption at	75% load	ťh	42.1	47.4	52.5	62.6	68.6	87.8
Fuel consumption at	100% load	i/h	52.7	61.9	69.3	79.5	91	103
DIMENSIONS WIT	HOUT SO	UNDPROOF CA	NOPY					
Length x Width x Hei	ght	mm.	3000x1400x1800	3000x1400x1890	3300x1400x1900	3300x1400x1900	3300x1400x1900	3500x1500x190
Weigth		Kg	2080	2580	2820	2980	3200	3620
Fuel tank capacity		L	120	120	120	120	120	120
DIMENSIONS WIT	H SOUND	PROOF CANOR	Υ					
Length x Width x Hei	ght	mm,	4260x1600x2205	4260x1600x2205	4260x1600x2205	4260x1600x2205	4260x1600x2205	5000x2000x220
Weigth		Kg	3070	3570	3770	3920	4370	5050
Fuel tank capacity		11	120	120	120	120	120	120
Noise level		dB(A) at 7m	-/ 70	-/ 70	470	-170	-/70	-170
ENGINE	E.		1.00					
Manufacturer			discission in the	and the second second		the second s	and the second second	
			Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta
Model			TAD 734 GE	Volvo Penta TAD 1341 GE	Volvo Penta FAD 1342 GE	Volvo Penta TAD 1344 GE	Volvo Penta TAD 1345 GE	Volvo Penta TAD 1641 GE
5275-1525G	arrangeme	nt	CONTRACTOR AND A	independent to the transmission	CONTRACTOR OF A	Sectore and the sectore se	Contraction of the second second	Second at the second second
Num of cylinders and	arrangeme	nt Cm ³	TAD 734 GE	TAD 1341 GE	FAD 1342 GE	TAD 1344 GE	TAD 1345 GE	TAD 1641 GE
Num of cylinders and Displacement	arrangeme		TAD 734 GE 6 in line	TAD 1341 GE 6 in line	FAD 1342 GE 6 in line	TAD 1344 GE 6 in line	TAD 1345 GE 6 in line	TAD 1641 GE 6 in line
Num of cylinders and Displacement Starting system	arrangeme		TAD 734 GE 6 in line 7150	TAD 1341 GE 6 in line 12780	FAD 1342 GE 6 in line 12780	TAD 1344 GE 6 in line 12780	TAD 1345 GE 6 in line 12780	TAD 1641 GE 6 in line 16120
Num of cylinders and Displacement Starting system Air intake	arrangeme		TAD 734 GE 6 in line 7150 24V	TAD 1341 GE 6 in line 12780 24V	FAD 1342 GE 6 in line 12780 24V	TAD 1344 GE 6 in line 12780 24V	TAD 1345 GE 6 in line 12780 24V	TAD 1641 GE 6 in line 16120 24V
Num of cylinders and Displacement Starting system Air intake Cooling system	arrangeme		TAD 734 GE 6 in line 7150 24V TAA	TAD 1341 GE 6 in line 12780 24V TAA	FAD 1342 GE 6 in line 12780 24V TAA	TAD 1344 GE 6 in line 12780 24V TAA	TAD 1345 GE 6 in line 12780 24V TAA	TAD 1641 GE 6 in line 16120 24V TAA
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor	arrangeme (max)		TAD 734 GE 6 in line 7150 24V TAA Liquid	TAD 1341 GE 6 in line 12780 24V TAA Liquid	FAD 1342 GE 6 in line 12780 24V TAA Liquid	TAD 1344 GE 6 in line 12780 24V TAA Liquid	TAD 1345 GE 6 in line 12780 24V TAA Liquid	TAD 1641 GE 6 in line 16120 24V TAA Liquid
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity		Cm³	TAD 734 GE 6 in line 7150 24V TAA Liquid Electronic	TAD 1341 GE 6 in line 12780 24V TAA Liquid Electronic	FAD 1342 GE 6 in line 12780 24V TAA Liquid Electronic	TAD 1344 GE 6 in line 12780 24V TAA Liquid Electronic	TAD 1345 GE 6 in line 12780 24V TAA Liquid Electronic	TAD 1641 GE 6 in line 16120 24V TAA Liquid Electronic
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output	(max)	Cm³ Lt	TAD 734 GE 6 in line 7150 24V TAA Liquid Electronic 24 24 216	TAD 1341 GE 6 in line 12780 24V TAA Liquid Electronic 24	FAD 1342 GE 6 in line 12780 24V TAA Liquid Electronic 24	TAD 1344 GE 6 in line 12780 24V TAA Liquid Electronic 24	TAD 1345 GE 6 in line 12780 24V TAA Liquid Electronic 24	TAD 1641 GE 6 in line 16120 24V TAA Liquid Electronic
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP)	Cm³ Lt. kWm	TAD 734 GE 6 in line 7150 24V TAA Liquid Electronic 24 216 241	TAD 1341 GE 6 in line 12780 24V TAA Liquid Electronic 24 271	FAD 1342 GE 6 in line 12780 24V TAA Liquid Electronic 24 303	TAD 1344 GE 6 in line 12780 24V TAA Liquid Electronic 24 354	TAD 1345 GE 6 in line 12780 24V TAA Liquid Electronic 24 388	TAD 1641 GE 6 in line 16120 24V TAA Liquid Electronic - 430
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(max) (PRP) (LTP) apacity (may	Cm³ Lt. kWm	TAD 734 GE 6 in line 7150 24V TAA Liquid Electronic 24 216 241	TAD 1341 GE 6 in line 12780 24V TAA Liquid Electronic 24 271 298	FAD 1342 GE 6 in line 12780 24V TAA Liquid Electronic 24 303 333	TAD 1344 GE 6 in line 12780 24V TAA Liquid Electronic 24 354 389	TAD 1345 GE 6 in line 12780 24V TAA Liquid Electronic 24 388 431	TAD 1641 GE 6 in line 16120 24V TAA Liquid Electronic - 430 473
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(max) (PRP) (LTP) apacity (may	Cm³ Lt. kWm	TAD 734 GE 6 in line 7150 24V TAA Liquid Electronic 24 216 241 29	TAD 1341 GE 6 in line 12780 24V TAA Liquid Electronic 24 271 298	FAD 1342 GE 6 in line 12780 24V TAA Liquid Electronic 24 303 333 333 36	TAD 1344 GE 6 in line 12780 24V TAA Liquid Electronic 24 354 389	TAD 1345 GE 6 in line 12780 24V TAA Liquid Electronic 24 388 431	TAD 1641 GE 6 in line 16120 24V TAA Liquid Electronic - 430 473 48
Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERN Type	(max) (PRP) (LTP) apacity (may	Cm³ Lt. kWm	TAD 734 GE 6 in line 7150 24V TAA Liquid Electronic 24 216 241 29	TAD 1341 GE 6 in line 12780 24V TAA Liquid Electronic 24 271 298 36	FAD 1342 GE 6 in line 12780 24V TAA Liquid Electronic 24 303 333 333 36	TAD 1344 GE 6 in line 12780 24V TAA Liquid Electronic 24 354 389 36	TAD 1345 GE 6 in line 12780 24V TAA Liquid Electronic 24 388 431 36	TAD 1641 GE 6 in line 16120 24V TAA Liquid Electronic - 430 473 48
Model Num of cylinders and Displacement Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERN Type Protection degree Isolation	(max) (PRP) (LTP) apacity (may	Cm ³ Lt. kWm kWm () L	TAD 734 GE 6 in line 7150 24V TAA Liquid Electronic 24 216 241 29 Synchronous	TAD 1341 GE 6 in line 12780 24V TAA Liquid Electronic 24 271 298 36 36	FAD 1342 GE 6 in line 12780 24V TAA Liquid Electronic 24 303 333 36 Synchronous	TAD 1344 GE 6 in line 12780 24V TAA Liquid Electronic 24 354 389 36 Synchronous	TAD 1345 GE 6 in line 12780 24V TAA Liquid Electronic 24 388 431 36 Synchronous	TAD 1641 GE 6 in line 16120 24V TAA Liquid Electronic - 430 473 48 Synchronous

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.

GENER	AL FEATURES	5	FVP 550	FVP 630	
Continuous output	(PRP) 400	kVA (kW)	570 (456)	630 (504)	
Stand-by output	(LTP) 4001	/ kVA (kW)	630 (504)	700 (560)	
Phases			3	3	
Frequency		(Hz)	50	50	
Power factor		C05 φ	0.8	0.8	
Fuel consumption at 5	i0% load	Vh	57.5	61.7	
Fuel consumption at 1	5% load	Vh	85.8	93,2	
Fuel consumption at 1	00% load	1/h	116.7	125.4	
DIMENSIONS WIT	HOUT SOUND	PROOF CA	NOPY		
Length x Width x Heig	ht	mm.	3500x1500x2120	3500x1500x2120	
Weigth		Kg	3780	4100	
Fuel tank capacity		Ł,	120	120	
DIMENSIONS WITH	1 SOUNDPRO	OF CANOP	Y		
Length x Width x Heig	ht	mm.	5000x2000x2205	5000x2000x2205	1
Weigth		Kg	5050	5780	
Fuel tank capacity		1,	120	120	1
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	arran gurnant		2000 million	16120	
		1 1 Mar 1	10/10/11		
		Cm ³	16120 24V	Provide and the second s	1
Starting system		Cm-	24V	241/	
Starting system Air intake		Cm.	24V TAA	24V TAA	
Starting system Air Intake Cooling system		Cm.	24V TAA Liquid	24V TAA Liquid	
Starting system Air intake Cooling system Speed governor	(max)	Cm.	24V TAA Liquid Electronic	24V TAA Liquid Electronic	
Starting system Air Intake Cooling system Speed governor Coolant capacity	(max) (PRP)		24V TAA Liquid Electronic	24V TAA Liquid Electronic	
Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output	(PRP)	KWm	24V TAA Liquid Electronic	24V TAA Liquid Electronic - 536	
Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(PRP) (LTP)	KWm kWm	24V TAA Liquid Electronic - 485 536	24V TAA Liquid Electronic - 536 596	
Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(PRP) (LTP) pacity (max)	KWm	24V TAA Liquid Electronic - 485 536	24V TAA Liquid Electronic - 536	
Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output	(PRP) (LTP) pacity (max)	KWm kWm	24V TAA Liquid Electronic - 485 536	24V TAA Liquid Electronic - 536 596	
Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca	(PRP) (LTP) pacity (max)	KWm kWm	24V TAA Liquid Electronic - 485 536	24V TAA Liquid Electronic - 536 596	
Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERM	(PRP) (LTP) pacity (max)	KWm kWm	24V TAA Liquid Electronic - 485 536 48	24V TAA Liquid Electronic - 536 596 48	
Starting system Air intake Cooling system Speed governor Coolant capacity Continuous output Stand-by output Lubrication system ca ALTERN Type	(PRP) (LTP) pacity (max)	KWm kWm 1.	24V TAA Liquid Electronic - 485 536 48 Synchronous	24V TAA Liquid Electronic - 536 596 48 Synchronous	

NA naturally aspired
 TC turbocharged
 TAA turbocharged after cooled

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

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



GENERA	L FEATUR	RES	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) 4	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) 2	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
ower factor		C05 (9.0 q	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		H	P 10	25	35	35	45	50	60	80
DIMENSIONS WITH	IOUT SOL	INDPROOF (ANOPY							
ength x Width x Heigh	bt	mn	n. 750x850x860	750x850x850	750x850x850	750x850x850	750x850x850	750x850x850	850x900x1000	850x900x100
Weigth		Ň	g 65	75	80	85	120	125	140	185

10 (8) 13.5 (10.8) 16 (12.8) 22 (17.6) 30 (24)

50

0.8

1:35.5

50

50

8.0

1:3.5

60

50

0.8

1:3.5

80

850x900x1000 850x900x1000 850x900x1000

215 250 300

Length x Width x Height	mm.	750x850x850	750x850x850	750x850x850	750x850x850	750x850x850
Weigth	Kg	105	118	135	150	160

8 (6,4)

50

0.8

1:3.5

35

50

0.8

1:3.5

35

50

0.8

1:3.5

45

(PRP) 230V kVA (kW) 6.5 (5.2)

(Hz)

cos p

HP

50

0.8

1:3.5

25

STANDARD VERSION

Continuous output

Frequency

Power factor

Tractor power

Ratio

Alternator over gear sat 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 themic 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.

49 (32)

50

0.8

1:3.5

100



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	0.6	0.8	0.8	0.8	0.8
Fuel consumption at 1009	% load	1/h	0.9	1.4	1.5	1.7	1,8	2.2
DIMENSIONS WITHO	UT SOUND	PROOF CA	NOPY					
Length x Width x Height		mm.	700x450x600	700x450x600	700x450x600	700x450x600	900x600x750	1250x750x800
Weigth		Kg	90	90	100	100	190	250
Fuel tank capacity		L.	4.3	4.3	4.3	4.3	7	20
DIMENSIONS WITH S	OUNDPRO	OF CANOP	Υ					
Length x Width x Height		mm.	1000x800x1000	1000x800x1000	1000x800x1000	1000x500x1000	1300x800x1100	1600x900x1350
Weigth		Kg	180	190	200	200	300	370
Fuel tank capacity		IIE)	20	20	20	20	20	20
Noise level	d	iB(A) at 7m	170	-/ 70	-/ 70	470	-170	+ 70
ENGINE								
Manufacturer			Lombardini	Lombardini	Lombardini	Lombardini	Lombardini	Lombardin)
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 arra	angement		1	1	1	3	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 capac	ity (max)	UL.	1.5	1.5	1.5	1.5	1.8	2.8
ALTERNAT	OR							
Туре			Synchronaus	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Protection degree		IP	21	21	21	21	21	21
Isolation		14	н	Н	н	Н	н	H
Regulation			Compound	Compound	Compound	Compound	Compound	Compound

AIR COOLING . CE MARKED AND CERTIFIED

ELECTRIC START VERSION

Diesel engine driven motor weiding 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





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.

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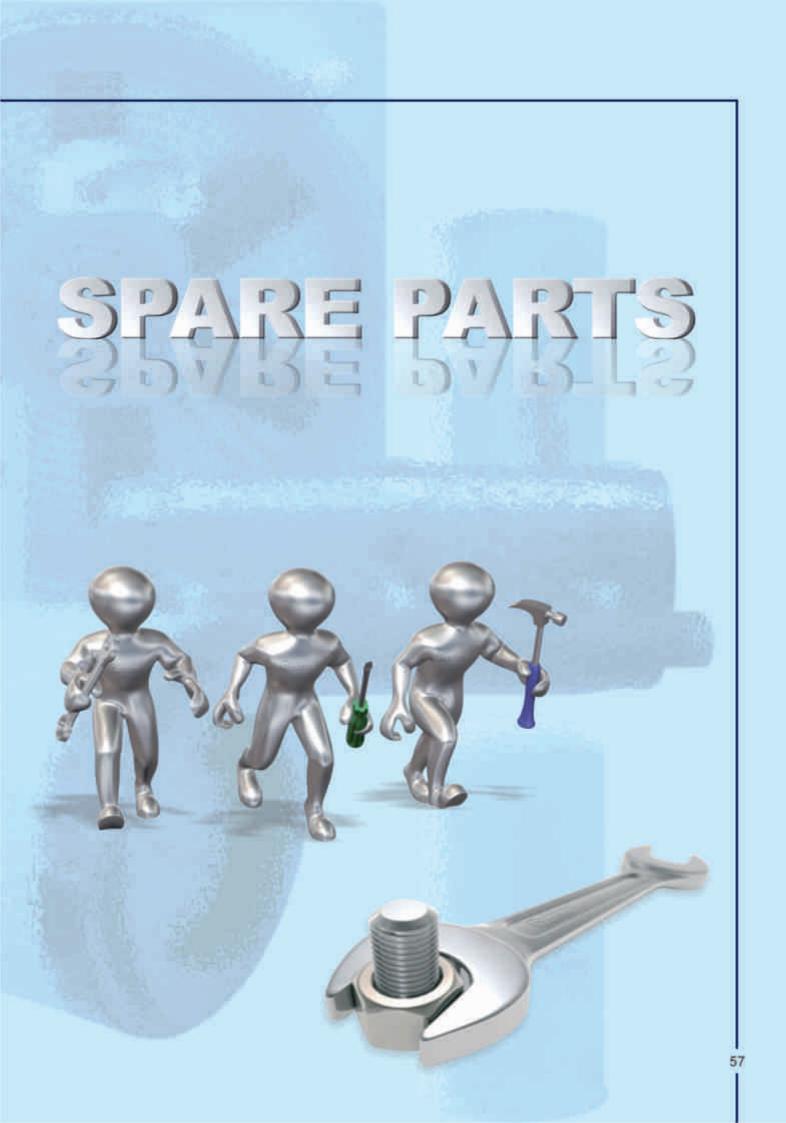
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SPECIAL APPLICATIONS

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:

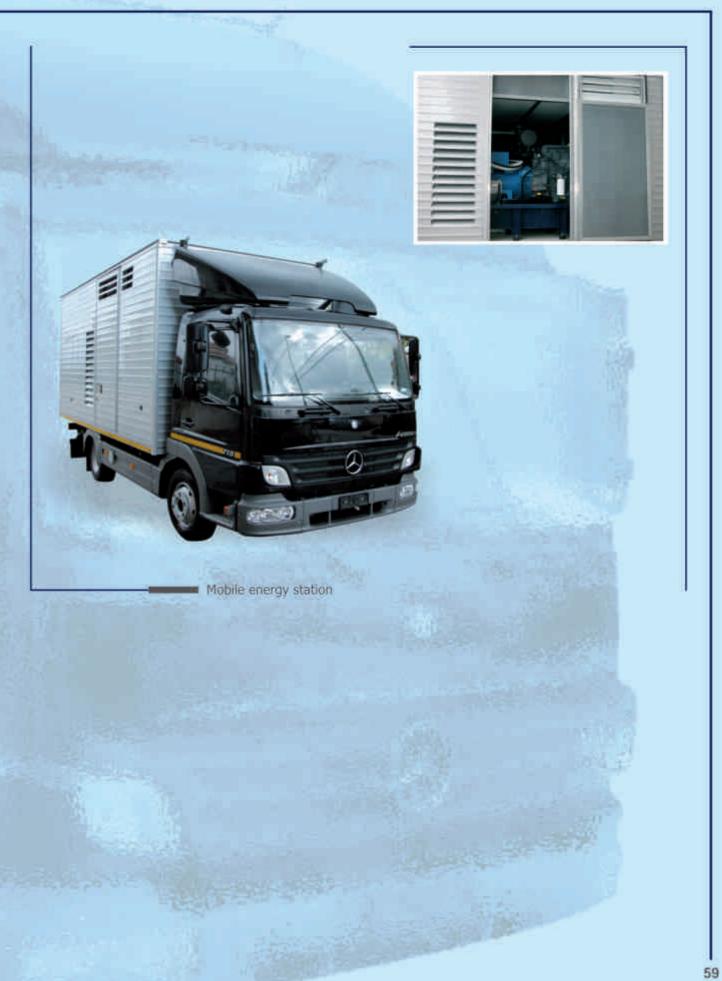
Engineering

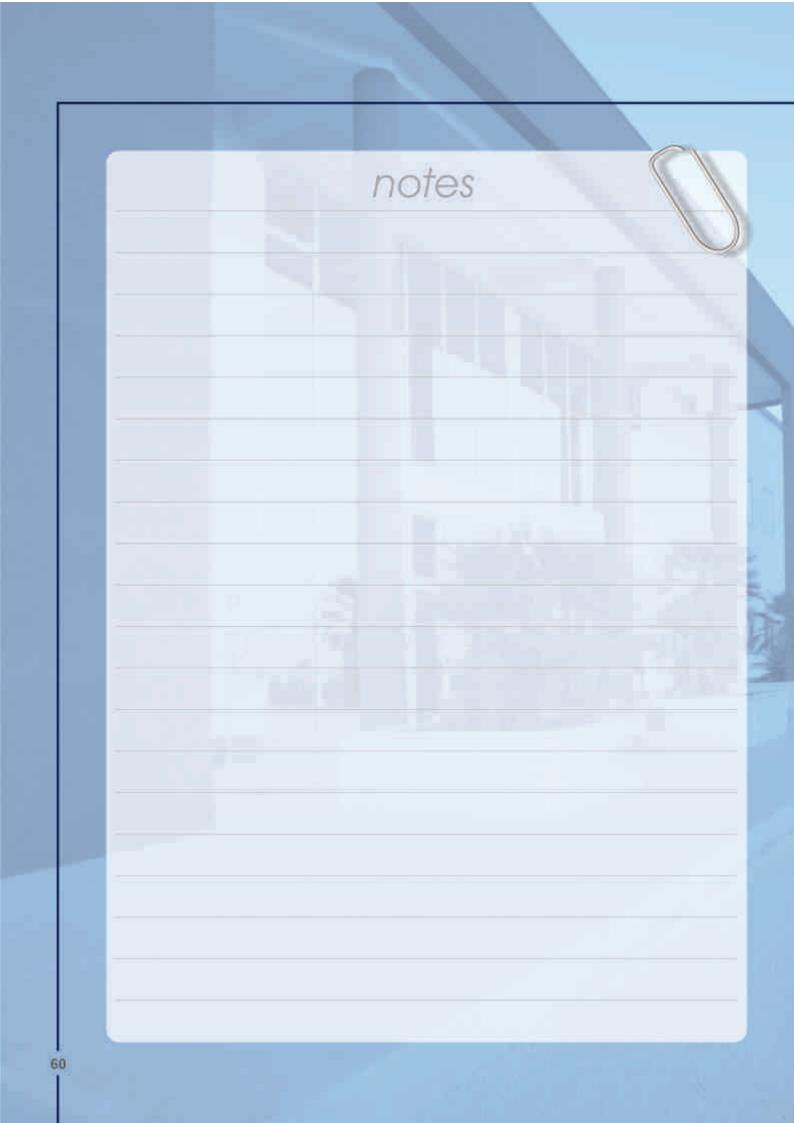
- Feasibility and dimensioning studies
- Technical requirements analysis and applicable standards verification
- Preparation of technical specification for bids
- CAD design on specific customer request
- Technical analysis and reports
- Logistic studies (Reliability, maintainability)

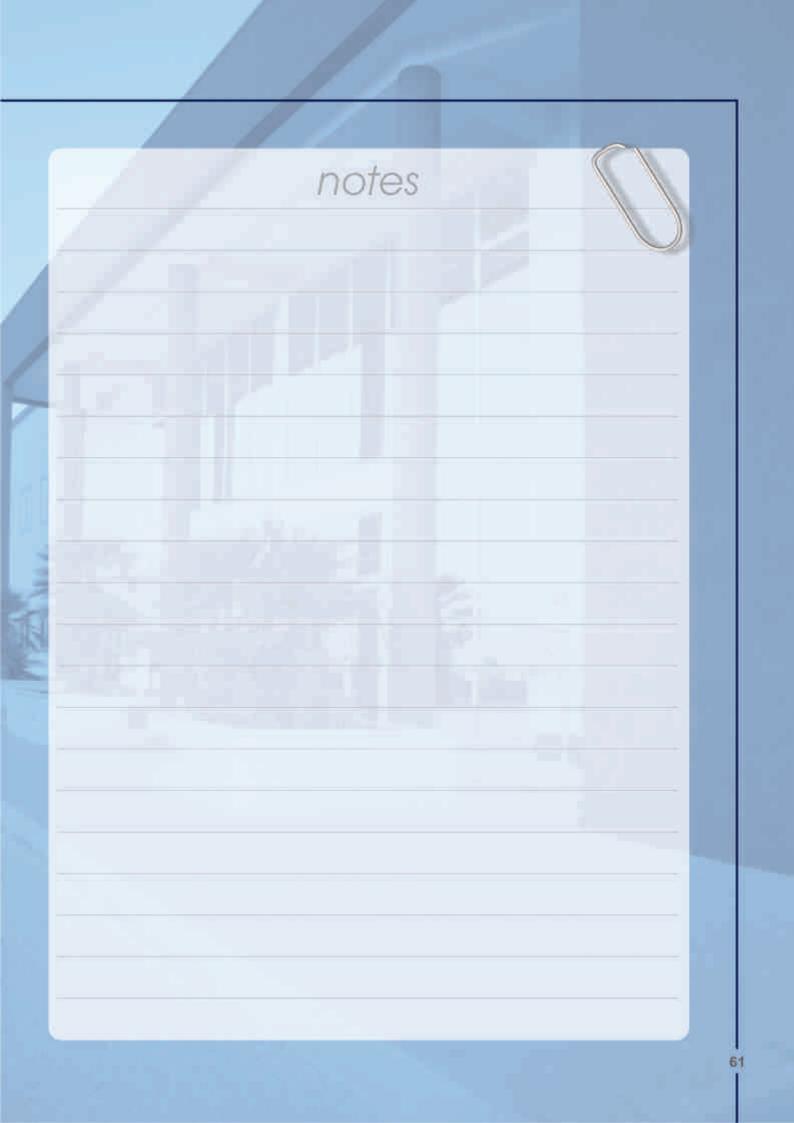
Management Planning and System Control

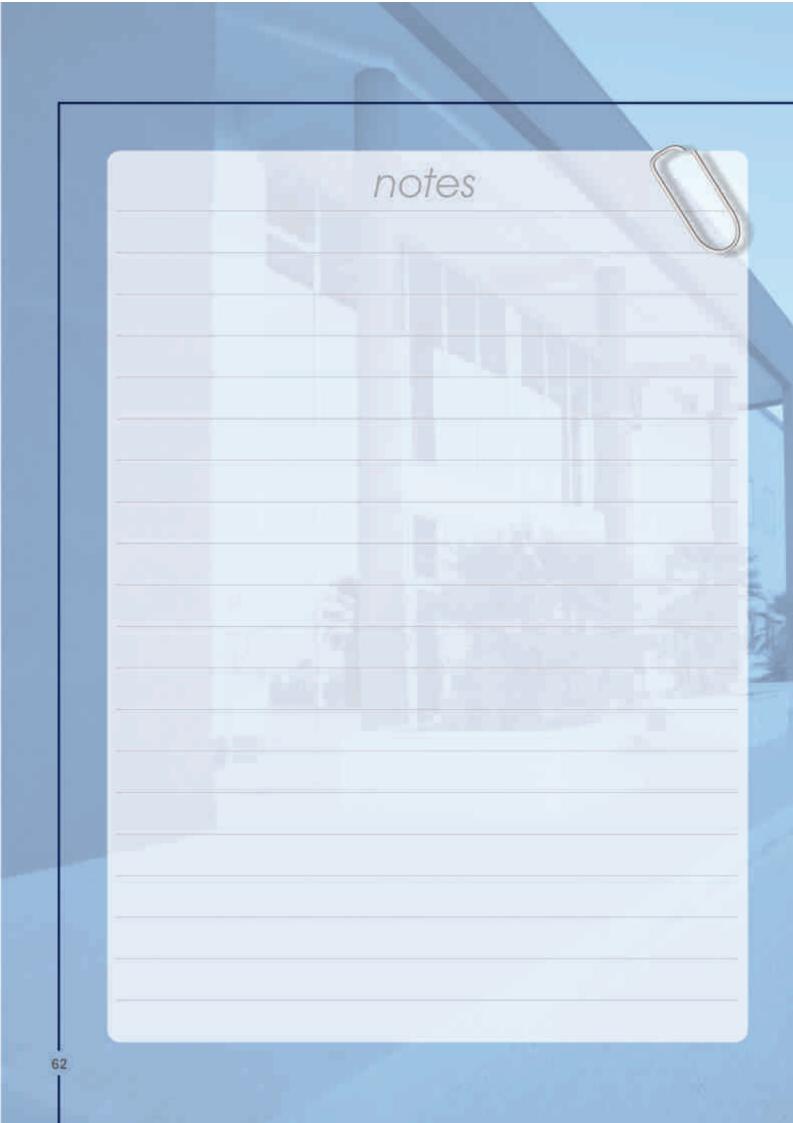
- Project Quality Management and Control
- Design activities planning and control
- Control of System Configuration
- Procurement planning and control
- State of work planning and control

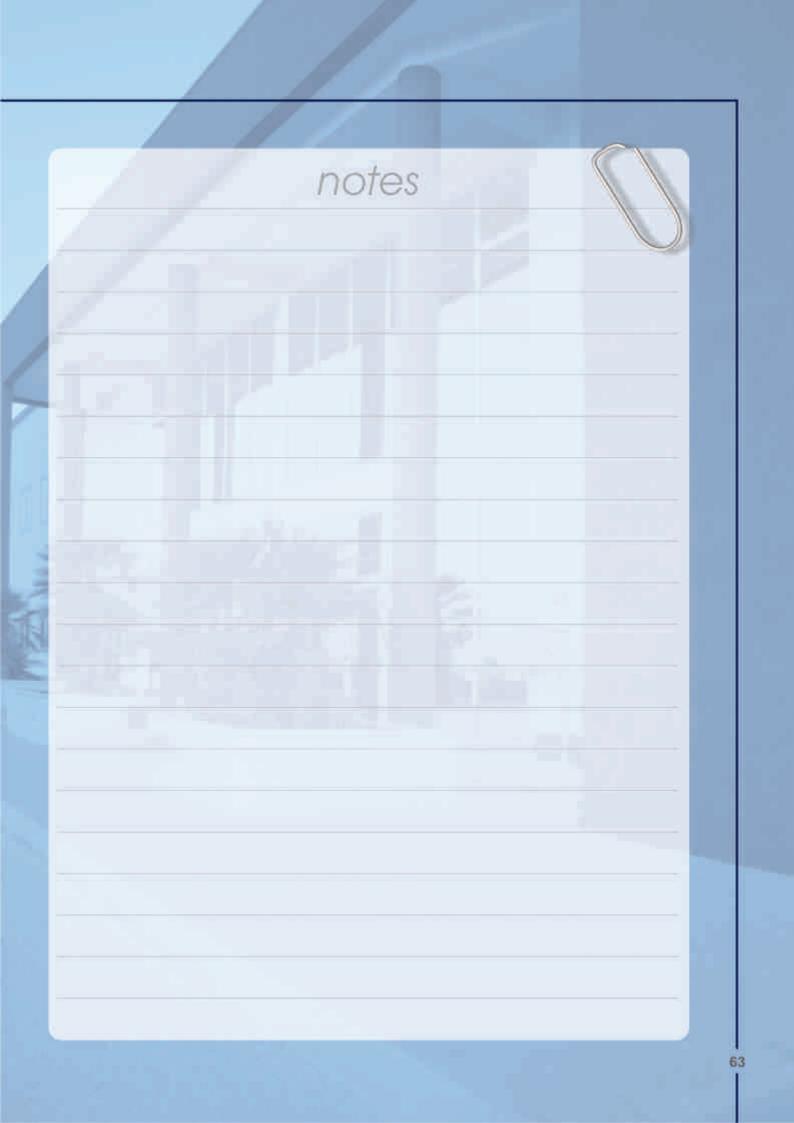












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