

110 kVA - 825 kVA

ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N VL XX 0110	N VL XX 0145	
GROUP	GEN-SET POWER	STAND BY	kVA	110	145	
			kW	88	116	
		PRIME	kVA	100	130	
			kW	80	104	
	CANOPY DIMENSION (W x L x H) mm			1100 x 2750 x 1750	1100 x 3000 x 1800	
	CANOPY WEIGHT kg			1450	1670	
	OPEN DIMENSION (W x L x H) mm			1100 x 2100 x 1610	1100 x 2500 x 1650	
	OPEN WEIGHT			1200	1350	
ENGINE	BRAND			VOLVO	VOLVO	
	TYPE			TAD 531 GE	TAD 532 GE	
	POWER	STAND BY	kW	98	125	
		PRIME	kW	88	112	
	SPEED (rpm)			1500	1500	
	CYCLE			4	4	
	DISPLACEMENT (lt)			4,76	4,76	
	NUMBER OF CYLNDERS			4 SIRA TİP	4 SIRA TİP	
	BORE x STROKE (mm x mm)			108 x 130	108 x 130	
	COMPRESSION RATIO			18 : 1	17,5 : 1	
	GOVERNOR TYPE			ELECTRONIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		23	29	
		%75 PRIME POWER		18	21	
		%50 PRIME POWER		11,78	15	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13	13	
TOTAL COOLANT CAPACITY (lt)			20	20		
FUEL TANK CAPACITY (lt)			180	280		

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MODEL				N VL XX 0167	N VL XX 0205	N VL XX 0224	
GROUP	GEN-SET POWER	STAND BY	kVA	167	205	224	
			kW	133	165	179	
		PRIME	kVA	152	186	201	
			kW	121	149	161	
	CANOPY DIMENSION (W x L x H) mm				1150 x 3820 x 2460	1150 x 3820 x 2460	1150 x 3820 x 2460
	CANOPY WEIGHT kg				1870	2165	2165
	OPEN DIMENSION (W x L x H) mm				1150 x 2700 x 1660	1150 x 2700 x 1860	1150 x 2700 x 1860
	OPEN WEIGHT				1570	1865	1865
ENGINE	BRAND			VOLVO	VOLVO	VOLVO	
	TYPE			TAD 731 GE	TAD 732 GE	TAD 733 GE	
	POWER	STAND BY	kW	148	179	195	
		PRIME	kW	133	160	175	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			7,15	7,15	7,15	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			108 x 130	108 x 130	108 x 130	
	COMPRESSION RATIO			18 : 1	18 : 1	18,1 : 1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		34,04	40,57	45,00	
		%75 PRIME POWER		25,65	30,43	33,44	
		%50 PRIME POWER		17,73	20,86	22,6	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			20	34	34		
TOTAL COOLANT CAPACITY (lt)			23,8	37	38		
FUEL TANK CAPACITY (lt)			585	585	585		

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MODEL				N VL XX 0275	N VL XX 0330	N VL XX 0350	
GROUP	GEN-SET POWER	STAND BY	kVA	275	330	350	
			kW	220	264	280	
		PRIME	kVA	250	300	320	
			kW	200	240	255	
	CANOPY DIMENSION (W x L x H) mm				1300 x 3645x 2300	1500 x 4300 x 2510	1500 x 4300 x 2510
	CANOPY WEIGHT kg				2610	3450	3530
	OPEN DIMENSION (W x L x H) mm				1300 x 2980 x 1760	1500 x 3200 x 1900	1400 x 3500 x 1920
	OPEN WEIGHT				2120	2790	2890
ENGINE	BRAND			VOLVO	VOLVO	VOLVO	
	TYPE			TAD 734 GE	TAD 1341 GE	TAD 1341 GE	
	POWER	STAND BY	kW	241	298	298	
		PRIME	kW	217	271	271	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			7,15	12,78	12,78	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			108 x 130	131 x 158	131 x 158	
	COMPRESSION RATIO			17 : 1	18,1 : 1	18,1 : 1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		51,73	56,14	61,63	
		%75 PRIME POWER		41,27	42,94	47,19	
		%50 PRIME POWER		29,54	30,87	32,59	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			29	36	36	
TOTAL COOLANT CAPACITY (lt)			42	46	46		
FUEL TANK CAPACITY (lt)			400	515	515		

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MODEL						N VL XX 0330		
GROUP	GEN-SET POWER	STAND BY	kVA			330		
			kW			264		
		PRIME	kVA			300		
			kW			240		
	CANOPY DIMENSION (W x L x H) mm						1300 x 3650 x 2300	
	CANOPY WEIGHT kg						2560	
	OPEN DIMENSION (W x L x H) mm						1300 x 2800 x 1900	
	OPEN WEIGHT						1950	
ENGINE	BRAND						VOLVO	
	TYPE						TAD 842 GE	
	POWER	STAND BY	kW					287
		PRIME	kW					261
	SPEED (rpm)						1500	
	CYCLE						4	
	DISPLACEMENT (lt)						7,7	
	NUMBER OF CYLNDERS						6 IN LINE	
	BORE x STROKE (mm x mm)						110 x 135	
	COMPRESSION RATIO						17,1 : 1	
	GOVERNOR TYPE						ELECTRONIC	
	INDUCTION						TURBOCHARGED - AIR TO AIR	
	COMBUSTION SYSTEM						DIRECT INJECTION	
	COOLING SYSTEM						WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER						63,60
		%75 PRIME POWER						48,40
		%50 PRIME POWER						30,87
TOTAL LUBRICATION SYSTEM CAPACITY (lt)						27		
TOTAL COOLANT CAPACITY (lt)						41		
FUEL TANK CAPACITY (lt)						400		

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MODEL				N VL XX 0385	N VL XX 0415	N VL XX 0452	
GROUP	GEN-SET POWER	STAND BY	kVA	385	415	450	
			kW	308	332	360	
		PRIME	kVA	350	377	412	
			kW	280	302	329	
	CANOPY DIMENSION (W x L x H) mm				1500 x 4300 x 2510	1500 x 4300 x 2510	1500 x 4300 x 2510
	CANOPY WEIGHT kg				3535	3560	3740
	OPEN DIMENSION (W x L x H) mm				1500 x 3200 x 1900	1400 x 3200 x 1900	1400 x 3200 x 1900
	OPEN WEIGHT				2890	2895	3100
ENGINE	BRAND			VOLVO	VOLVO	VOLVO	
	TYPE			TAD 1342 GE	TAD 1343 GE	TAD 1344 GE	
	POWER	STAND BY	kW	333	356	389	
		PRIME	kW	303	325	354	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			12,78	12,78	12,78	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			131 x 158	131 x 158	131 x 158	
	COMPRESSION RATIO			18,1 : 1	18,1 : 1	18,1 : 1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		68,9	74,29	81,77	
		%75 PRIME POWER		52,22	56	62,27	
		%50 PRIME POWER		36,26	38,7	42,15	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			36	36	36	
TOTAL COOLANT CAPACITY (lt)			44	44	44		
FUEL TANK CAPACITY (lt)			515	515	515		

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MODEL				N VL XX 0500	N VL XX 0550
GROUP	GEN-SET POWER	STAND BY	kVA	500	550
			kW	400	440
		PRIME	kVA	450	500
			kW	360	400
	CANOPY DIMENSION (W x L x H) mm			1400 x 3950 x 2605	1600 x 4000 x 2700
	CANOPY WEIGHT kg			3945	4245
	OPEN DIMENSION (W x L x H) mm			1400 x 3500 x 1920	1600 x 3500 x 2200
	OPEN WEIGHT			3430	3725
ENGINE	BRAND			VOLVO	VOLVO
	TYPE			TAD 1345 GE	TAD 1641 GE
	POWER	STAND BY	kW	431	473
		PRIME	kW	388	430
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			12,78	16,12
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			131 x 158	144 x 165
	COMPRESSION RATIO			18,1 : 1	16,5 : 1
	GOVERNOR TYPE			ELECTRONIC	
	INDUCTION			TURBOCHARGED - AIR TO AIR	
	COMBUSTION SYSTEM			DIRECT INJECTION	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		90,54	101,88
		%75 PRIME POWER		68,25	75,25
		%50 PRIME POWER		45,97	50,94
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			36	42
TOTAL COOLANT CAPACITY (lt)			46	63	
FUEL TANK CAPACITY (lt)			1043	1043	

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MODEL				N VL XX 0650	N VL XX 0700
GROUP	GEN-SET POWER	STAND BY	kVA	650	700
			kW	520	560
		PRIME	kVA	590	630
			kW	472	504
	CANOPY DIMENSION (W x L x H) mm			1600 x 4000 x 2700	1800 x 4000 x 2700
	CANOPY WEIGHT kg			4440	5005
	OPEN DIMENSION (W x L x H) mm			1600 x 3500 x 2200	1800 x 3500 x 2250
	OPEN WEIGHT			3920	4485
ENGINE	BRAND			VOLVO	VOLVO
	TYPE			TAD 1642 GE	TWD 1643 GE
	POWER	STAND BY	kW	554	596
		PRIME	kW	503	536
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			16,12	16,12
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			144 x 165	144 x 165
	COMPRESSION RATIO			16,5 : 1	16,5 : 1
	GOVERNOR TYPE			ELECTRONIC	
	INDUCTION			TURBOCHARGED - AIR TO AIR	TURBOCHARGED - AIR TO WATER
	COMBUSTION SYSTEM			DIRECT INJECTION	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		118,58	127,00
		%75 PRIME POWER		87,59	93,81
		%50 PRIME POWER		58,4	62,54
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			48	48
TOTAL COOLANT CAPACITY (lt)			63	95	
FUEL TANK CAPACITY (lt)			1043	1175	

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MODEL				N VL XX 0770	N VL XX 0825
GROUP	GEN-SET POWER	STAND BY	kVA	770	825
			kW	616	660
		PRIME	kVA	700	750
			kW	560	600
	CANOPY DIMENSION (W x L x H) mm			1700 x 4900 x 2770	1700 x 4900 x 2770
	CANOPY WEIGHT kg			5440	5440
	OPEN DIMENSION (W x L x H) mm			1700 x 3750 x 2250	1700 x 3750 x 2250
	OPEN WEIGHT			4550	4550
ENGINE	BRAND			VOLVO	VOLVO
	TYPE			TWD 1645 GE	TWD 1744 GE
	POWER	STAND BY	kW	654	710
		PRIME	kW	589	645
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			16,12	17,26
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			144 x 165	149 x 165
	COMPRESSION RATIO			16,8 : 1	16,8 : 1
	GOVERNOR TYPE			ELECTRONIC	
	INDUCTION			TURBOCHARGED - AIR TO AIR	
	COMBUSTION SYSTEM			DIRECT INJECTION	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		147	152
		%75 PRIME POWER		113	114
		%50 PRIME POWER		78	80
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			48	48
TOTAL COOLANT CAPACITY (lt)			100	100	
FUEL TANK CAPACITY (lt)			900	900	

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