

94 kVA - 142 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 0094	N VL XX 0109	N VL XX 0142	
GROUP	GEN-SET POWER	STAND BY	kVA	94	109	142	
			kW	76	87	114	
		PRIME	kVA	85	100	130	
			kW	68	80	104	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1000 x 2880 x 1610	1050 x 3180 x 1870
	CANOPY WEIGHT kg				1350	1375	1470
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1350	1000 x 2400 x 1520	1050 x 2700 x 1660
	OPEN WEIGHT				1130	1155	1225
ENGINE	BRAND			VOLVO			
	TYPE			TAD 530 GE			
	POWER	STAND BY	kW	83	98	125	
		PRIME	kW	74	88	112	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			4,76			
	NUMBER OF CYLNDERS			4 SIRA TİP			
	BORE x STROKE (mm x mm)			108 x 130			
	COMPRESSION RATIO			18 : 1			
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		19,12	22,84	28,53	
		%75 PRIME POWER		14,47	17,13	21,00	
		%50 PRIME POWER		10,18	11,78	14,2	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13			
TOTAL COOLANT CAPACITY (lt)			19,7				
FUEL TANK CAPACITY (lt)			180				

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94 kVA - 700 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
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- Easy installation type without welding canopy
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- 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
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- 3 pole / 4 pole automatic transfer panel (A.T.S.)
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- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
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- 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 0094	N VL XX 0109	N VL XX 0142	
GROUP	GEN-SET POWER	STAND BY	kVA	94	109	142	
			kW	76	87	114	
		PRIME	kVA	85	100	130	
			kW	68	80	104	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1000 x 2880 x 1610	1050 x 3180 x 1870
	CANOPY WEIGHT kg				1350	1375	1470
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1350	1000 x 2400 x 1520	1050 x 2700 x 1660
	OPEN WEIGHT				1130	1155	1225
ENGINE	BRAND			VOLVO			
	TYPE			TAD 530 GE			
	POWER	STAND BY	kW	83	98	125	
		PRIME	kW	74	88	112	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			4,76			
	NUMBER OF CYLNDERS			4 SIRA TİP			
	BORE x STROKE (mm x mm)			108 x 130			
	COMPRESSION RATIO			18 : 1			
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		19,12	22,84	28,53	
		%75 PRIME POWER		14,47	17,13	21,00	
		%50 PRIME POWER		10,18	11,78	14,2	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13			
TOTAL COOLANT CAPACITY (lt)			19,7				
FUEL TANK CAPACITY (lt)			180				

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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			
	TYPE			TAD 731 GE			
	POWER	STAND BY	kW	148	179	195	
		PRIME	kW	133	160	175	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			7,15			
	NUMBER OF CYLNDERS			6 IN LINE			
	BORE x STROKE (mm x mm)			108 x 130			
	COMPRESSION RATIO			18 : 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 0278	N VL XX 0305	N VL XX 0351	
GROUP	GEN-SET POWER	STAND BY	kVA	278	305	351	
			kW	219	244	280,8	
		PRIME	kVA	250	277	319	
			kW	200	221	255	
	CANOPY DIMENSION (W x L x H) mm				1150 x 3820 x 2460	1400 x 3950 x 2605	1400 x 3950 x 2605
	CANOPY WEIGHT kg				2330	3610	3765
	OPEN DIMENSION (W x L x H) mm				1150 x 2700 x 1920	1400 x 3500 x 1920	1400 x 3500 x 1920
	OPEN WEIGHT				2030	3090	3245
ENGINE	BRAND			VOLVO			
	TYPE			TAD 734 GE			
	POWER	STAND BY	kW	238	298	298	
		PRIME	kW	213	271	271	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			7,15			
	NUMBER OF CYLNDERS			6 IN LINE			
	BORE x STROKE (mm x mm)			108 x 130			
	COMPRESSION RATIO			17 : 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)			32	46	46		
FUEL TANK CAPACITY (lt)			585	1043	1043		

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MODEL				N VL XX 0387	N VL XX 0414	N VL XX 0452	
GROUP	GEN-SET POWER	STAND BY	kVA	387	414	452	
			kW	310	331	362	
		PRIME	kVA	352	378	412	
			kW	282	302	329	
	CANOPY DIMENSION (W x L x H) mm				1400 x 3950 x 2605	1400 x 3950 x 2605	1400 x 3950 x 2605
	CANOPY WEIGHT kg				3815	3905	3905
	OPEN DIMENSION (W x L x H) mm				1400 x 3500 x 1920	1400 x 3500 x 1920	1400 x 3500 x 1920
	OPEN WEIGHT				3295	3390	3390
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)			46	46	46		
FUEL TANK CAPACITY (lt)			1043	1043	1043		

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MODEL				N VL XX 0501	N VL XX 0556
GROUP	GEN-SET POWER	STAND BY	kVA	501	556
			kW	401	445
		PRIME	kVA	451	505
			kW	361	404
	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 0651	N VL XX 0700	
GROUP	GEN-SET POWER	STAND BY	kVA	651	700	
			kW	521	560	
		PRIME	kVA	591	630	
			kW	473	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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167 kVA - 224 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

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- 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 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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278 kVA - 351 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
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- Low oil pressure
- High & low engine speed
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- Over current load
- High & low genset voltage
- Start / stop failure

OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
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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 0278	N VL XX 0305	N VL XX 0351	
GROUP	GEN-SET POWER	STAND BY	kVA	278	305	351	
			kW	219	244	280,8	
		PRIME	kVA	250	277	319	
			kW	200	221	255	
	CANOPY DIMENSION (W x L x H) mm				1150 x 3820 x 2460	1400 x 3950 x 2605	1400 x 3950 x 2605
	CANOPY WEIGHT kg				2330	3610	3765
	OPEN DIMENSION (W x L x H) mm				1150 x 2700 x 1920	1400 x 3500 x 1920	1400 x 3500 x 1920
	OPEN WEIGHT				2030	3090	3245
ENGINE	BRAND			VOLVO			
	TYPE			TAD 734 GE			
	POWER	STAND BY	kW	238	298	298	
		PRIME	kW	213	271	271	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			7,15			
	NUMBER OF CYLNDERS			6 IN LINE			
	BORE x STROKE (mm x mm)			108 x 130			
	COMPRESSION RATIO			17 : 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)			32	46	46		
FUEL TANK CAPACITY (lt)			585	1043	1043		

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387 kVA - 452 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 0387	N VL XX 0414	N VL XX 0452	
GROUP	GEN-SET POWER	STAND BY	kVA	387	414	452	
			kW	310	331	362	
		PRIME	kVA	352	378	412	
			kW	282	302	329	
	CANOPY DIMENSION (W x L x H) mm				1400 x 3950 x 2605	1400 x 3950 x 2605	1400 x 3950 x 2605
	CANOPY WEIGHT kg				3815	3905	3905
	OPEN DIMENSION (W x L x H) mm				1400 x 3500 x 1920	1400 x 3500 x 1920	1400 x 3500 x 1920
	OPEN WEIGHT				3295	3390	3390
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)			46	46	46		
FUEL TANK CAPACITY (lt)			1043	1043	1043		

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501 kVA - 556 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 0501	N VL XX 0556
GROUP	GEN-SET POWER	STAND BY	kVA	501	556
			kW	401	445
		PRIME	kVA	451	505
			kW	361	404
	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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651 kVA - 700 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 0651	N VL XX 0700	
GROUP	GEN-SET POWER	STAND BY	kVA	651	700	
			kW	521	560	
		PRIME	kVA	591	630	
			kW	473	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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