

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
- Locakable 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, IEC 60335-1:2004



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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