

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, 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 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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