

## 220 kVA - 332 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 IV XX 0220	N IV XX 0275	N IV XX 0332
GROUP	GEN-SET POWER	STAND BY	kVA	220	275	332
			kW	176	220	265,6
		PRIME	kVA	200	250	305
			kW	160	200	244
	CANOPY DIMENSION (W x L x H) mm			1050 x 3580 x 1870	N/A	1150 x 3820 x 2460
	CANOPY WEIGHT kg			1940	N/A	2670
	OPEN DIMENSION (W x L x H) mm			1050 x 3100 x 1650	N/A	1150 x 3340 x 1900
	OPEN WEIGHT			1680	N/A	2370
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO
	TYPE			N67TM7	N67TE8W	C87TE4
	POWER	STAND BY	kW	195	214,9	299
		PRIME	kW	177	236,5	275
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			6,73	6,7	8,7
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			104 x 132	104X132	117 x 135
	COMPRESSION RATIO			17,5	17:1	15,9:1
	GOVERNOR TYPE			MECHANIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		41,2	51,5	66,6
		%75 PRIME POWER		33,3	41,2	52,6
		%50 PRIME POWER		14,7	26,2	37,3
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			17,2	17,2	28	
TOTAL COOLANT CAPACITY (lt)			30,5	30,5	58	
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A	

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