

## 66 kVA - 90 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 0066	N IV XX 0082	N IV XX 0090
GROUP	GEN-SET POWER	STAND BY	kVA	66	82	90
			kW	52,8	65,6	72
		PRIME	kVA	60	75	80
			kW	48	60	64
	CANOPY DIMENSION (W x L x H) mm			1000 x 2450 x 1610	N/A	1000 x 2880 x 1610
	CANOPY WEIGHT kg			1085	N/A	1230
	OPEN DIMENSION (W x L x H) mm			1000 x 2050 x 1400	N/A	1000 x 2400 x 1390
	OPEN WEIGHT			890	N/A	1010
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO
	TYPE			N45SM1A	N45SM2A	NEF45SM3.S500
	POWER	STAND BY	kW	58,8	66,1	81
		PRIME	kW	53,3	72,7	73,3
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			4,5	4,5	4,5
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	4 IN LINE
	BORE x STROKE (mm x mm)			104 x 132	104x132	104 x 132
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1
	GOVERNOR TYPE			MECHANIC		
	INDUCTION			TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		13,7	17,1	19,4
		%75 PRIME POWER		10,2	12,7	15,4
		%50 PRIME POWER		7	8,6	9,6
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			12,8	12,8	12,8	
TOTAL COOLANT CAPACITY (lt)			18,5	18,5	18,5	
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A	

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