

112 kVA - 176 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 IV XX 0112	N IV XX 0143	N IV XX 0176
GROUP	GEN-SET POWER	STAND BY	kVA	112	143	176
			kW	89,6	114,4	140,8
		PRIME	kVA	101,4	130	160
			kW	81,12	104	128
	CANOPY DIMENSION (W x L x H) mm			1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3180 x 1870
	CANOPY WEIGHT kg			1350	1750	1750
	OPEN DIMENSION (W x L x H) mm			1000 x 2400 x 1390	1050 x 2700 x 1650	1050 x 2700 x 1650
	OPEN WEIGHT			1130	1505	1505
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO
	TYPE			N45TM2A	N67TM2A	N67TM3A
	POWER	STAND BY	kW	96,2	126	152
		PRIME	kW	87,5	114,2	137,7
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			4,5	6,7	6,7
	NUMBER OF CYLNDERS			4 IN LINE	6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			104 x 132	104 x 132	104 x 132
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1
	GOVERNOR TYPE			MECHANIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		22	29,3	36
		%75 PRIME POWER		16,2	24,1	29
		%50 PRIME POWER		11	15,8	18
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			12,8	17,2	17,2
TOTAL COOLANT CAPACITY (lt)			18,5	25,5	25,5	
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A	

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

