

2264 kVA - 2500 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 MB XX 2264	N MB XX 2500	
GROUP	GEN-SET POWER	STAND BY	kVA	2200	2530	
			kW	1760	2024	
		PRIME	kVA	2000	2286	
			kW	1600	1828,8	
	CANOPY DIMENSION (W x L x H) mm				4220 x 9000 x 2440	4220 x 9000 x 2440
	CANOPY WEIGHT kg				21672,2	22371
	OPEN DIMENSION (W x L x H) mm				3940 x 5770 x 2320	3940 x 5720 x 2300
	OPEN WEIGHT				14472,2	15171
ENGINE	BRAND			MITSUBISHI	MITSUBISHI	
	TYPE			S16R-PTAA2	S16R2-PTAW	
	POWER	STAND BY	kW	1895	2106	
		PRIME	kW	1684	1899	
	SPEED (rpm)			1500	1500	
	CYCLE			4	4	
	DISPLACEMENT (lt)			65,37	79,9	
	NUMBER OF CYLNDERS			16 V	16 V	
	BORE x STROKE (mm x mm)			170 X 180	170 X 220	
	COMPRESSION RATIO			13,5: 1	14,0 : 1	
	GOVERNOR TYPE			ELECTRONIC	ELECTRONIC	
	INDUCTION			TURBOCHARGED - AIR TO AIR COOLED / AFTER COOLER	TURBOCHARGED - AIR TO WATER COOLED / AFTER COOLER	
	COMBUSTION SYSTEM			DIRECT	DIRECT	
	COOLING SYSTEM			WATER	WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		402,12	500,2	
		%75 PRIME POWER		307,58	369,9	
		%50 PRIME POWER		215,04	251,3	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			230	290		
TOTAL COOLANT CAPACITY (lt)			400	500		
FUEL TANK CAPACITY (lt)			N/A	N/A		

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