

## 1710 kVA - 2028 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 1710	N MB XX 1875	N MB XX 2028	
GROUP	GEN-SET POWER	STAND BY	kVA	1710	1905	2028	
			kW	1368	1524	1622,4	
		PRIME	kVA	1550	1750	1844	
			kW	1240	1400	1475,2	
	CANOPY DIMENSION (W x L x H) mm				N/A	3865 x 7000 x 2440	3865 x 8000 x 2440
	CANOPY WEIGHT kg				N/A	19405,7	20315,7
	OPEN DIMENSION (W x L x H) mm				N/A	3640 x 5100 x 2260	3640 x 4870 x 2260
	OPEN WEIGHT				N/A	13805,7	13915,7
ENGINE	BRAND			MITSUBISHI	MITSUBISHI	MITSUBISHI	
	TYPE			S12R - F1PTAW2	S16R-PTA	S16R-PTA2	
	POWER	STAND BY	kW	1432	1590	1740	
		PRIME	kW	1299	1450	1580	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			49,03	65,37	65,37	
	NUMBER OF CYLNDERS			12 V	16 V	16 V	
	BORE x STROKE (mm x mm)			170 X 180	170 X 180	170 X 180	
	COMPRESSION RATIO			14,5 : 1	14,0 : 1	13,5: 1	
	GOVERNOR TYPE			ELECTRONIC	ELECTRONIC	ELECTRONIC	
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED / AFTER COOLER	TURBOCHARGED - AIR TO WATER COOLED / AFTER COOLER	TURBOCHARGED - AIR TO WATER COOLED / AFTER COOLER	
	COMBUSTION SYSTEM			DIRECT	DIRECT	DIRECT	
	COOLING SYSTEM			WATER	WATER	WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		323	341,66	387,28	
		%75 PRIME POWER		237,6	259,68	297,96	
		%50 PRIME POWER		163	183,44	209,88	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			180	230	230		
TOTAL COOLANT CAPACITY (lt)			532	368	445		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

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