

## 2000 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, IEC 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 MT XX 2000	N MT XX 2250	N MT XX 2500	
GROUP	GEN-SET POWER	STAND BY	kVA	2.000	2.250	2.500	
			kW	1.600	1.800	2.000	
		PRIME	kVA	1.813	2.050	2.250	
			kW	1.450	1.640	1.800	
	CANOPY DIMENSION (W x L x H) mm				12192x2438x2896	12192x2438x2896	12192x2438x2896
	CANOPY WEIGHT kg				19500	23000	23600
	OPEN DIMENSION (W x L x H) mm				6150x2150x2400	6500x2600x2500	6550x2600x2500
	OPEN WEIGHT				14000	17000	17600
ENGINE	BRAND			MTU	MTU	MTU	
	TYPE			12V4000G63	16V4000G63	16V4000G63	
	POWER	STAND BY	kW	1750	2185	2185	
		PRIME	kW	1575	1966,5	1966,5	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			57,2	76,3	76,3	
	NUMBER OF CYLNDERS			12	16	16	
	BORE x STROKE (mm x mm)			170x210	170x210	170x210	
	COMPRESSION RATIO			16.5	16.5	16.5	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBO CHARGED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		193	192	191	
		%75 PRIME POWER		194	195	193	
		%50 PRIME POWER		201	205	203	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			260	300	300		
TOTAL COOLANT CAPACITY (lt)			200	225	225		
FUEL TANK CAPACITY (lt)			800	800	600		

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