

2750 kVA - 3250 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 MT XX 2750	N MT XX 3000	N MT XX 3250
GROUP	GEN-SET POWER	STAND BY	kVA	2.750	3.000	3.250
			kW	2.200	2.400	2.600
		PRIME	kVA	2.500	2.750	3.000
			kW	2.000	2.200	2.400
	CANOPY DIMENSION (W x L x H) mm			12192x2438x2896	12192x2438x2896	12192x2438x2896
	CANOPY WEIGHT kg			2600	26500	26500
	OPEN DIMENSION (W x L x H) mm			8300x2950x2550	8300x2950x2550	8300x2950x2550
	OPEN WEIGHT			20500	21000	21000
ENGINE	BRAND			MTU	MTU	MTU
	TYPE			20V4000G23	20V4000G63	20V4000G63L
	POWER	STAND BY	kW	2420	2670	2850
		PRIME	kW	2178	2403	2565
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			95,4	95,4	95,4
	NUMBER OF CYLNDERS			20	20	20
	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		195	193	192
		%75 PRIME POWER		201	199	197
		%50 PRIME POWER		213	210	208
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			390	390	390
	TOTAL COOLANT CAPACITY (lt)			260	260	260
	FUEL TANK CAPACITY (lt)			600	600	600

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