

1650 kVA - 1800 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 1650	N MT XX 1700	N MT XX 1800	
GROUP	GEN-SET POWER	STAND BY	kVA	1.650	1.700	1.800	
			kW	1.320	1.360	1.440	
		PRIME	kVA	1.500	1.550	1.640	
			kW	1.200	1.240	1.312	
	CANOPY DIMENSION (W x L x H) mm				6058x2438x2896	6058x2438x2896	12192x2438x2896
	CANOPY WEIGHT kg				17000	18000	19000
	OPEN DIMENSION (W x L x H) mm				6150x2150x2400	6150x2150x2400	6150x2150x2400
	OPEN WEIGHT				12000	13000	13500
ENGINE	BRAND			MTU	MTU	MTU	
	TYPE			12V4000G23R	12V4000G23	12V4000G23	
	POWER	STAND BY	kW	1205	1575	1575	
		PRIME	kW	1084,5	1417,5	1417,5	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			57,2	57,2	57,2	
	NUMBER OF CYLNDERS			12	12	12	
	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	189	189	
		%75 PRIME POWER		200	195	195	
		%50 PRIME POWER		212	203	203	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			260	260	260		
TOTAL COOLANT CAPACITY (lt)			200	200	200		
FUEL TANK CAPACITY (lt)			800	800	800		

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