

## 1100 kVA - 1375 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 1100	N MT XX 1250	N MT XX 1375	
GROUP	GEN-SET POWER	STAND BY	kVA	1.100	1.250	1.375	
			kW	880	1.000	1.100	
		PRIME	kVA	1.000	1.135	1.250	
			kW	800	908	1.000	
	CANOPY DIMENSION (W x L x H) mm				6058x2438x2591	2270x7000x2550	2270x7000x2550
	CANOPY WEIGHT kg				12000	10850	12600
	OPEN DIMENSION (W x L x H) mm				4500x2000x2300	1910x4700x2350	1910x4700x2350
	OPEN WEIGHT				7850	7650	9700
ENGINE	BRAND			MTU	MTU	MTU	
	TYPE			16V2000G65	18V2000G65	12V4000G21R	
	POWER	STAND BY	kW	975	1100	1212	
		PRIME	kW	877,5	990	1090,8	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			31,84	35,7	48,72	
	NUMBER OF CYLNDERS			16	16	12	
	BORE x STROKE (mm x mm)			130*150	130*150	165x190	
	COMPRESSION RATIO			16.0	16.0	15.5	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBO CHARGED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		198	202	199	
		%75 PRIME POWER		196	200	203	
		%50 PRIME POWER		201	204	208	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			102	130	260	
TOTAL COOLANT CAPACITY (lt)			200	222	160		
FUEL TANK CAPACITY (lt)			450	450	670		

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