

660 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 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 0660		
GROUP	GEN-SET POWER	STAND BY	kVA		660		
			kW		528		
		PRIME	kVA		600		
			kW		480		
	CANOPY DIMENSION (W x L x H) mm					2100×5000×2369	
	CANOPY WEIGHT kg					6750 kg	
	OPEN DIMENSION (W x L x H) mm					1605×3600×2150	
	OPEN WEIGHT					4550	
ENGINE	BRAND				MTU		
	TYPE				12V1600G10F		
	POWER	STAND BY	kW		524		
		PRIME	kW		472		
	SPEED (rpm)				1500		
	CYCLE				4		
	DISPLACEMENT (lt)				21,00		
	NUMBER OF CYLNDERS				12		
	BORE x STROKE (mm x mm)				122*150		
	COMPRESSION RATIO				17,5		
	GOVERNOR TYPE				ELECTRONIC		
	INDUCTION				TURBO CHARGED		
	COMBUSTION SYSTEM				DIRECT INJECTION		
	COOLING SYSTEM				WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER			117		
		%75 PRIME POWER			91		
		%50 PRIME POWER			63		
TOTAL LUBRICATION SYSTEM CAPACITY (lt)				72,5			
TOTAL COOLANT CAPACITY (lt)				99			
FUEL TANK CAPACITY (lt)				750			

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MODEL				N MT XX 0825	N MT XX 0880	N MT XX 1000	
GROUP	GEN-SET POWER	STAND BY	kVA	825	880	1.000	
			kW	660	704	800	
		PRIME	kVA	750	800	910	
			kW	600	640	728	
	CANOPY DIMENSION (W x L x H) mm				5800×1800×2550	5800×1800×2550	6058×2438×2591
	CANOPY WEIGHT kg				10000	10000	12000
	OPEN DIMENSION (W x L x H) mm				4200×1650×2280	4200×1650×2280	4500×2000×2300
	OPEN WEIGHT				7000	7000	7850
ENGINE	BRAND			MTU	MTU	MTU	
	TYPE			12V2000G65	12V2000G65	16V2000G25	
	POWER	STAND BY	kW	765	765	890	
		PRIME	kW	688,5	688,5	801	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			23,88	23,88	31,84	
	NUMBER OF CYLNDERS			12	12	16	
	BORE x STROKE (mm x mm)			130*150	130*150	130*150	
	COMPRESSION RATIO			16.0	16.0	16.0	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBO CHARGED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		202	202	198	
		%75 PRIME POWER		203	203	199	
		%50 PRIME POWER		210	210	203	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			77	77	102	
TOTAL COOLANT CAPACITY (lt)			164	164	200		
FUEL TANK CAPACITY (lt)				350	450		

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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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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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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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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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