

825 kVA - 4125 kVA Medium Voltage Generator Series

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
- Medium Voltage Output Level 3,3 kV 6,3 kV 11 kV and 15 kV
- 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, IBC 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 BD XX 0825 MVXX	N BD XX 0900 MVXX	N BD XX 1000 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	825	900	1000	
			kW	660	720	800	
		PRIME	kVA	750	818	900	
			kW	600	655	720	
	OUTPUT VOLTAGE (VAC)				3300, 6300, 11000, 15000	3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm				2200 x 5150 x 3425	2200 x 5150 x 3425	2200 x 5150 x 3425
	OPEN DIMENSION (W x L x H) mm				2200 x 4900 x 2580	2200 x 4900 x 2580	2200 x 4900 x 2580
	OPEN WEIGHT / CANOPY WEIGHT kg				6000 / 7480	6310 / 7790	6410 / 7890
ENGINE	BRAND			BAUDOUIIN	BAUDOUIIN	BAUDOUIIN	
	TYPE			6M33G825/5	12M26G900/5e2	12M26G1000/5e2	
	POWER	STAND BY	kW	725	792	902	
		PRIME	kW	659	720	820	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			19,6	31,8	31,8	
	NUMBER OF CYLNDERS			6 CYLINDERS V-TYPE	12 CYLINDERS V-TYPE	12 CYLINDERS V-TYPE	
	BORE x STROKE (mm x mm)			150 X 185	150 X 150	150 X 150	
	COMPRESSION RATIO			13,6:1	13,6:1	13,6:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - INTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		150,1	172,5	196,8	
		%75 PRIME POWER		112,2	130,4	147,2	
		%50 PRIME POWER		72,5	91	101,8	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			62	113	113		
TOTAL COOLANT CAPACITY (lt)			129	180	198		
FUEL TANK CAPACITY (lt)			2000	2000	2000		

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MODEL				N BD XX 1100 MVXX	N BD XX 1250 MVXX	E BD EG 1400 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	1100	1250	1400	
			kW	880	1000	1120	
		PRIME	kVA	1000	1136	1273	
			kW	800	909	1018	
	OUTPUT VOLTAGE (VAC)				3300, 6300, 11000, 15000	3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm				2200 x 5150 x 3425	2400 x 5450 x 3470	2400 x 5450 x 3470
	OPEN DIMENSION (W x L x H) mm				2200 x 4900 x 2580	2400 x 5200 x 2676	2400 x 5200 x 2675
	OPEN WEIGHT / CANOPY WEIGHT kg				6770 / 8250	11296 / 13146	11515 / 13365
ENGINE	BRAND			BAUDOUIIN			
	TYPE			12M26G1100/5e2			
	POWER	STAND BY	kW	968	1108	1210	
		PRIME	kW	880	1007	1100	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			31,8			
	NUMBER OF CYLNDERS			12 CYLINDERS V-TYPE			
	BORE x STROKE (mm x mm)			150 X 150			
	COMPRESSION RATIO			13,6:1			
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - INTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		205,00	236,2	258,6	
		%75 PRIME POWER		154,1	175	190,7	
%50 PRIME POWER		105,7	119,5	129,2			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			113				
TOTAL COOLANT CAPACITY (lt)			210				
FUEL TANK CAPACITY (lt)			2000				

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MODEL				N BD XX 1500 MVXX	N BD XX 1650 MVXX	N BD XX 1700 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	1500	1650	1700	
			kW	1200	1320	1360	
		PRIME	kVA	1364	1500	1545	
			kW	1091	1200	1236	
	OUTPUT VOLTAGE (VAC)				3300, 6300, 11000, 15000	3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm				N/A	N/A	N/A
	OPEN DIMENSION (W x L x H) mm				N/A	N/A	N/A
	OPEN WEIGHT / CANOPY WEIGHT kg				N/A	N/A	N/A
ENGINE	BRAND			BAUDOUIIN			
	TYPE			12M33G1500/5^		16M33G1700/5	
	POWER	STAND BY	kW	1320	1450	1530	
		PRIME	kW	1200	1318 *	1390	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			39,2		52,3	
	NUMBER OF CYLNDERS			12 V		16 V	
	BORE x STROKE (mm x mm)			150 x 185		150 x 185	
	COMPRESSION RATIO			13,6:1			
	GOVERNOR TYPE			ELECTRONIC		ECU	
	INDUCTION			TURBOCHARGED - AIR TO AIR COOLED		TURBOCHARGED - AIR TO WATER COOLED	
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		N/A	N/A	325,2	
		%75 PRIME POWER		N/A	N/A	241,8	
%50 PRIME POWER		N/A	N/A	163,7			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			155		171		
TOTAL COOLANT CAPACITY (lt)			303		542		
FUEL TANK CAPACITY (lt)			N/A		N/A		

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MODEL				N BD XX 1900 MVXX	N BD XX 2000 MVXX	N BD XX 2250 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	1900	2000	2250	
			kW	1520	1600	1800	
		PRIME	kVA	1727	1818	2025	
			kW	1382	1454	1620	
	OUTPUT VOLTAGE (VAC)				3300, 6300, 11000, 15000	3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm				N/A	N/A	N/A
	OPEN DIMENSION (W x L x H) mm				N/A	N/A	N/A
	OPEN WEIGHT / CANOPY WEIGHT kg				N/A	N/A	N/A
ENGINE	BRAND			BAUDOUIIN	BAUDOUIIN	BAUDOUIIN	
	TYPE			16M33G1900/5	16M33G2000/5 [^]	16M33G2250/5	
	POWER	STAND BY	kW	1680	1800	1980	
		PRIME	kW	1530	1620 *	1800	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			52,3	52,3	52,3	
	NUMBER OF CYLNDERS			16 V	16 V	16 V	
	BORE x STROKE (mm x mm)			150 x 185	150 x 185	150 x 185	
	COMPRESSION RATIO			13,6:1	14,0:1	14,0:1	
	GOVERNOR TYPE			ECU			
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		364,3	419,0	429,0	
		%75 PRIME POWER		265,4	301,5	311,5	
%50 PRIME POWER		179,7	209,0	209,0			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			175	175	175		
TOTAL COOLANT CAPACITY (lt)			542	542	542		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

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MODEL				N BD XX 2550 MVXX	N BD XX 2750 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	2550	2750	
			kW	2040	2200	
		PRIME	kVA	2318	2500	
			kW	1854	2000	
	OUTPUT VOLTAGE (VAC)				3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm				N/A	N/A
	OPEN DIMENSION (W x L x H) mm				2700 x 7500 x 2960	2700 x 7500 x 2960
	OPEN WEIGHT / CANOPY WEIGHT kg				20.000 / N/A	20.500 / N/A
ENGINE	BRAND			BAUDOUIIN	BAUDOUIIN	
	TYPE			12M55G2550/5	12M55G2750/5	
	POWER	STAND BY	kW	2210	2450	
		PRIME	kW	1985	2200	
	SPEED (rpm)			1500	1500	
	CYCLE			4	4	
	DISPLACEMENT (lt)			65,65	65,65	
	NUMBER OF CYLNDERS			12 V	12 V	
	BORE x STROKE (mm x mm)			180 x 215	180 x 215	
	COMPRESSION RATIO			13,6:1	13,6:1	
	GOVERNOR TYPE			ECU		
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED		
	COMBUSTION SYSTEM			DIRECT		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		500	515	
		%75 PRIME POWER		360	385	
		%50 PRIME POWER		250	265	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			380	380	
TOTAL COOLANT CAPACITY (lt)			850	850		
FUEL TANK CAPACITY (lt)			External Type	External Type		

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MODEL			N BD XX 3000 MVXX		
GROUP	GEN-SET POWER	STAND BY	kVA	3000	
			kW	2400	
		PRIME	kVA	2750	
			kW	2200	
	OUTPUT VOLTAGE (VAC)			3300, 6300, 11000, 15000	
CANOPY DIMENSION (W x L x H) mm			N/A		
OPEN DIMENSION (W x L x H) mm			2700 x 7500 x 2960		
OPEN WEIGHT / CANOPY WEIGHT kg			21.000 / N/A		
ENGINE	BRAND			BAUDOUIIN	
	TYPE			12M55G3000/5	
	POWER	STAND BY	kW	2690	
		PRIME	kW	2420	
	SPEED (rpm)			1500	
	CYCLE			4	
	DISPLACEMENT (lt)			65,65	
	NUMBER OF CYLNDERS			12 V	
	BORE x STROKE (mm x mm)			180 x 215	
	COMPRESSION RATIO			13,6:1	
	GOVERNOR TYPE			ECU	
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED	
	COMBUSTION SYSTEM			DIRECT	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		520	
		%75 PRIME POWER		380	
		%50 PRIME POWER		270	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			380	
TOTAL COOLANT CAPACITY (lt)			850		
FUEL TANK CAPACITY (lt)			External Type		

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MODEL				N BD XX 3125 MVXX	N BD XX 3300 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	3125	3300	
			kW	2500	2650	
		PRIME	kVA	2820	3000	
			kW	2250	2400	
	OUTPUT VOLTAGE (VAC)				3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm				N/A	N/A
	OPEN DIMENSION (W x L x H) mm				1980 x 7800 x 2600	1980 x 7800 x 2600
	OPEN WEIGHT / CANOPY WEIGHT kg				29.000 / N/A	30.000 / N/A
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	
	TYPE			16M55G3125/5	16M55G3300/5	
	POWER	STAND BY	kW	2750	2900	
		PRIME	kW	2500	2646	
	SPEED (rpm)			1500	1500	
	CYCLE			4	4	
	DISPLACEMENT (lt)			87,50	87,50	
	NUMBER OF CYLNDERS			16 V	16 V	
	BORE x STROKE (mm x mm)			180 x 215	180 x 215	
	COMPRESSION RATIO			16,5:1	16,5:1	
	GOVERNOR TYPE			ECU		
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED		
	COMBUSTION SYSTEM			DIRECT		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		595	605	
		%75 PRIME POWER		425	455	
		%50 PRIME POWER		300	315	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			480	480	
TOTAL COOLANT CAPACITY (lt)			950	950		
FUEL TANK CAPACITY (lt)			External Type	External Type		

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MODEL				N BD XX 3750 MVXX	N BD XX 4000 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	3750	4000	
			kW	3000	3200	
		PRIME	kVA	3250	3625	
			kW	2600	2900	
	OUTPUT VOLTAGE (VAC)				3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm				N/A	N/A
	OPEN DIMENSION (W x L x H) mm				1980 x 7800 x 2600	1980 x 7800 x 2600
	OPEN WEIGHT / CANOPY WEIGHT kg				30.000 / N/A	30.500 / N/A
ENGINE	BRAND			BAUDOUIIN	BAUDOUIIN	
	TYPE			16M55G3750/5	16M55G4000/5	
	POWER	STAND BY	kW	3300	3555	
		PRIME	kW	2900	3200	
	SPEED (rpm)			1500	1500	
	CYCLE			4	4	
	DISPLACEMENT (lt)			87,50	87,50	
	NUMBER OF CYLNDERS			16 V	16 V	
	BORE x STROKE (mm x mm)			180 x 215	180 x 215	
	COMPRESSION RATIO			16,5:1	16,5:1	
	GOVERNOR TYPE			ECU		
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED		
	COMBUSTION SYSTEM			DIRECT		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		690	735	
		%75 PRIME POWER		520	550	
		%50 PRIME POWER		350	375	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			480	480	
TOTAL COOLANT CAPACITY (lt)			950	950		
FUEL TANK CAPACITY (lt)			External Type	External Type		

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MODEL			N BD XX 4125 MVXX		
GROUP	GEN-SET POWER	STAND BY	kVA	4125	
			kW	3300	
		PRIME	kVA	3750	
			kW	3000	
	OUTPUT VOLTAGE (VAC)			3300, 6300, 11000, 15000	
CANOPY DIMENSION (W x L x H) mm			N/A		
OPEN DIMENSION (W x L x H) mm			1980 x 7800 x 2600		
OPEN WEIGHT / CANOPY WEIGHT kg			32.000 / N/A		
ENGINE	BRAND			BAUDOUIIN	
	TYPE			16M55G4125/5	
	POWER	STAND BY	kW	3600	
		PRIME	kW	3300	
	SPEED (rpm)			1500	
	CYCLE			4	
	DISPLACEMENT (lt)			87,50	
	NUMBER OF CYLNDERS			16 V	
	BORE x STROKE (mm x mm)			180 x 215	
	COMPRESSION RATIO			16,5:1	
	GOVERNOR TYPE			ECU	
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED	
	COMBUSTION SYSTEM			DIRECT	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		775	
		%75 PRIME POWER		580	
		%50 PRIME POWER		395	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			480		
TOTAL COOLANT CAPACITY (lt)			950		
FUEL TANK CAPACITY (lt)			External Type		

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