

825 kVA - 1000 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			
	TYPE			6M33G825/5			
	POWER	STAND BY	kW	725	792	902	
		PRIME	kW	659	720	820	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			19,6			
	NUMBER OF CYLNDERS			6 CYLINDERS V-TYPE			
	BORE x STROKE (mm x mm)			150 X 185			
	COMPRESSION RATIO			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				
TOTAL COOLANT CAPACITY (lt)			129				
FUEL TANK CAPACITY (lt)			2000				

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1100 kVA - 1400 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 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			BAUDOUIN			
	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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1500 kVA - 1700 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, 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 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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1900 kVA - 2300 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 1900 MVXX	N BD XX 2000 MVXX	N BD XX 2300 MVXX	
GROUP	GEN-SET POWER	STAND BY	kVA	1900	2000	2300	
			kW	1520	1600	1840	
		PRIME	kVA	1727	1818	2091	
			kW	1382	1454	1673	
	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			16M33G1900/5		16M33G2000/5^	12M55G2300/5
	POWER	STAND BY	kW	1680	1800	2020	
		PRIME	kW	1530	1620 *	1850	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			52,3		65,65	
	NUMBER OF CYLNDERS			16 V		12 V	
	BORE x STROKE (mm x mm)			150 x 185		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		364,3	N/A	407,2	
		%75 PRIME POWER		265,4	N/A	309,5	
		%50 PRIME POWER		179,7	N/A	217,5	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			171		480		
TOTAL COOLANT CAPACITY (lt)			542		N/A		
FUEL TANK CAPACITY (lt)			N/		N/A		

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2550 kVA - 2750 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 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				N/A	N/A
	OPEN WEIGHT / CANOPY WEIGHT kg				N/A	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,	
	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		437,2	N/A	
		%75 PRIME POWER		330,5	N/A	
		%50 PRIME POWER		231,9	N/A	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			480	480	
TOTAL COOLANT CAPACITY (lt)			N/A	N/A		
FUEL TANK CAPACITY (lt)			N/A	N/A		

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