

## 1100 kVA - 1400 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 BD XX 1100	N BD XX 1250	N BD XX 1400	
GROUP	GEN-SET POWER	STAND BY	kVA	1100	1250	1400	
			kW	880	1000	1120	
		PRIME	kVA	1000	1136	1273	
			kW	800	909	1018	
	CANOPY DIMENSION (W x L x H) mm				2200 x 5150 x 3425	2400 x 5450 x 3470	2400 x 5450 x 3470
	CANOPY WEIGHT kg				8250	13146	13365
	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				6770	11296	11515
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			15,5:1			
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - INTERCOOLER		TURBOCHARGED - AIR TO AIR COOLED	
	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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