

10 kVA - 17 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, 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 KB XX 0010	N KB XX 0017	
GROUP	GEN-SET POWER	STAND BY	kVA	10	17	
			kW	8	13,6	
		PRIME	kVA	9	15	
			kW	7	12	
	CANOPY DIMENSION (W x L x H) mm				900 x 2100 x 1310	900 x 2100 x 1310
	CANOPY WEIGHT kg				435	530
	OPEN DIMENSION (W x L x H) mm				900 x 1750 x 1300	900 x 1750 x 1300
	OPEN WEIGHT				315	410
ENGINE	BRAND			KUBOTA	KUBOTA	
	TYPE			D1105-BG	D1703-M-BG	
	POWER	STAND BY	kW	9,5	15	
		PRIME	kW	8,4	12,8	
	SPEED (rpm)			1500	1500	
	CYCLE			4	4	
	DISPLACEMENT (lt)			1,123	1,647	
	NUMBER OF CYLNDERS			3 IN LINE	3 IN LINE	
	BORE x STROKE (mm x mm)			78 x 78,4	87 x 92,4	
	COMPRESSION RATIO			24:1	22:1	
	GOVERNOR TYPE			MECHANIC		
	INDUCTION			NATURAL		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		2,47	3,58	
		%75 PRIME POWER		1,85	2,68	
		%50 PRIME POWER		1,25	1,82	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			5,1	5,6		
TOTAL COOLANT CAPACITY (lt)			6	8		
FUEL TANK CAPACITY (lt)			92	92		

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10 kVA - 30 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

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- H Class insulation type
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- 2/3 Pitch factor windings
- 4 Poles

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PROTECTION & ALARMS

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- Low oil pressure
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- Over current load
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OPTIONAL EQUIPMENTS

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		PRIME	kVA	9	15	
			kW	7	12	
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	TYPE			D1105-BG	D1703-M-BG	
	POWER	STAND BY	kW	9,5	15	
		PRIME	kW	8,4	12,8	
	SPEED (rpm)			1500	1500	
	CYCLE			4	4	
	DISPLACEMENT (lt)			1,123	1,647	
	NUMBER OF CYLNDERS			3 IN LINE	3 IN LINE	
	BORE x STROKE (mm x mm)			78 x 78,4	87 x 92,4	
	COMPRESSION RATIO			24:1	22:1	
	GOVERNOR TYPE			MECHANIC		
	INDUCTION			NATURAL		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		2,47	3,58	
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MODEL				N KB XX 0023	N KB XX 0030
GROUP	GEN-SET POWER	STAND BY	kVA	22	29,7
			kW	18	24
		PRIME	kVA	20	27
			kW	16	21,6
	CANOPY DIMENSION (W x L x H) mm			900 x 2100 x 1310	900 x 2100 x 1310
	CANOPY WEIGHT kg			565	700
	OPEN DIMENSION (W x L x H) mm			900 x 1750 x 1300	900 x 1750 x 1300
	OPEN WEIGHT			445	580
ENGINE	BRAND			KUBOTA	KUBOTA
	TYPE			V2203-M-E3BG	V3300-BG
	POWER	STAND BY	kW	20,1	28,9
		PRIME	kW	17,2	26,3
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			2,197	3,318
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE
	BORE x STROKE (mm x mm)			87 x 92,4	98 x 110
	COMPRESSION RATIO			22:1	22:1
	GOVERNOR TYPE			MECHANIC	
	INDUCTION			NATURAL	
	COMBUSTION SYSTEM			DIRECT INJECTION	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		4,77	7,61
		%75 PRIME POWER		3,58	5,71
		%50 PRIME POWER		2,42	3,84
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			7,6	13,2	
TOTAL COOLANT CAPACITY (lt)			9	10	
FUEL TANK CAPACITY (lt)			92	92	

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23 kVA - 30 kVA

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- H Class insulation type
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- LCD display screen
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