

82 kVA - 150 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 DZ XX 0082	N DZ XX 0110	N DZ XX 0150	
GROUP	GEN-SET POWER	STAND BY	kVA	82	110	150	
			kW	66	88	120	
		PRIME	kVA	75	100	136	
			kW	60	80	109	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3580 x 1870
	CANOPY WEIGHT kg				1315	1435	1760
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1520	1050 x 2700 x 1520	1050 x 3100 x 1690
	OPEN WEIGHT				1095	1195	1500
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			WP4D66E200	WP4D108E200	WP6D140E200	
	POWER	STAND BY	kW	86	108	140	
		PRIME	kW	78	94	128	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,5	4,50	6,75	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			105 x 130	105 x 130	105 x 130	
	COMPRESSION RATIO			18:1	18:1	18:1	
	GOVERNOR TYPE			MECHANIC / ELECTRONIC	ELECTRONIC		
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		18,93	22,29	30,4	
		%75 PRIME POWER		14,23	16,68	23,1	
		%50 PRIME POWER		10,11	11,38	15,9	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			10	10	16		
TOTAL COOLANT CAPACITY (lt)			15,30	16,30	28		
FUEL TANK CAPACITY (lt)			180	280	280		

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