

135 kVA - 200 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 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 SD XX 0135	N SD XX 0155	N SD XX 0200
GROUP	GEN-SET POWER	STAND BY	kVA	135	155	200
			kW	108	124	160
		PRIME	kVA	121	139	180
			kW	97	112	144
	CANOPY DIMENSION (W x L x H) mm			1050 x 3180 x 1870	1050 x 3180 x 1870	1150 x 2820 x 2400
	CANOPY WEIGHT kg			1535	1625	3000
	OPEN DIMENSION (W x L x H) mm			1050 x 2700 x 1550	1050 x 2700 x 1550	1150 x 3340 x 1960
	OPEN WEIGHT			1290	1385	2705
ENGINE	BRAND			SDEC	SDEC	SDEC
	TYPE			SC4H160D2	SC4H180D2	SC7H230D2
	POWER	STAND BY	kW	110	126	163
		PRIME	kW	99	114	147
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			4,3	4,3	6,44
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			105 X 124	105 X 124	105 X 124
	COMPRESSION RATIO			16,0 : 1	16,0 : 1	16,0 : 1
	GOVERNOR TYPE			ELECTRONIC	ELECTRONIC	ELECTRONIC
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED	TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED
	COMBUSTION SYSTEM			Direct	Direct	
	COOLING SYSTEM			WATER	WATER	WATER
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		25	28,6	36
		%75 PRIME POWER		16,7	21,4	26,8
		%50 PRIME POWER		12,8	14,4	17,8
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13	13	17,5
	TOTAL COOLANT CAPACITY (lt)			6,8	6,8	9,6
	FUEL TANK CAPACITY (lt)					

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