

## 220 kVA - 285 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
- Locakable 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 DF XX 0220	N DF XX 0250	N DF XX 0285
GROUP	GEN-SET POWER	STAND BY	kVA	220	250	285
			kW	176	200	228
		PRIME	kVA	200	227	259
			kW	160	182	207
	CANOPY DIMENSION (W x L x H) mm			N/A	N/A	1200x3800x2490
	CANOPY WEIGHT kg			N/A	N/A	2483,7
	OPEN DIMENSION (W x L x H) mm			N/A	N/A	1200x3100x2490
	OPEN WEIGHT			N/A	N/A	2365,7
ENGINE	BRAND			DONGFENG	DONGFENG	DONGFENG
	TYPE			SY129TD17	SY129TAD19	SY129TAD23
	POWER	STAND BY	kW	191	218	247
		PRIME	kW	173,5	198	225
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			12,9	8,27	12,9
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			135 x 150	135 X 150	135 X 150
	COMPRESSION RATIO			16: 1	18 : 1	16 : 1
	GOVERNOR TYPE			ELECTRONIC		
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO WATER COOLED	
	COMBUSTION SYSTEM			DIRECT		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		40,9	41	55,48
		%75 PRIME POWER		31,5	30	41,81
		%50 PRIME POWER		21,5	21	29,6
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			28,7	19	28,7
	TOTAL COOLANT CAPACITY (lt)			46	49	49
	FUEL TANK CAPACITY (lt)			N/A	N/A	360

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.