NPOWER
Power and automation technologies.

DONGFENG
DONGFENG MOTOR CORPORATION

Series Diesel Generator Sets

330 kVA - 460 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 extention 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 Emition 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)
- Residental / 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

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MODEL				N DF XX 0330	N DF XX 0385	N DF XX 0460
GROUP	GEN-SET POWER	STAND BY	kVA	330	385	460
			kW	264	308	368
		PRIME	kVA	300	350	418
			kW	240	280	335
	CANOPY DIMENSION (W x L x H) mm			1400x3705x2615	1400 x 3705 x 2615	1600 x 3700 x2650
	CANOPY WEIGHT kg			3752,5	3946,5	4686
	OPEN DIMENSION (W x L x H) mm			1400x3450x2250	1400 x 3450 x 2250	1600 x 3500 x 2185
	OPEN WEIGHT			3307	3501	4180
ENGINE	BRAND			DONGFENG	DONGFENG	DONGFENG
	TYPE			SYG128TAD26	SYG128TAD31	SYG142TAD38
	POWER	STAND BY	kW	282	327	389
		PRIME	kW	256	297	353,5
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			12,9	12,9	14,2
	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 165
	COMPRESSION RATIO			15,75:1	15,75:1	15,5:1
	GOVERNOR TYPE			ELECTRONIC		
	INDUCTION			TURBOCHARGED - AIR TO WATER COOLED	TURBOCHARGED - AIR TO AIR COOLED	
	COMBUSTION SYSTEM			DIRECT		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		60,2	69,7	84,15
		%75 PRIME POWER		44,68	51,8	61,8
		%50 PRIME POWER		30,6	36,3	43,13
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			40	40	35
	TOTAL COOLANT CAPACITY (lt)			52	52	61
	FUEL TANK CAPACITY (lt)			880	880	1041

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OHSAS 18001 ISO 9001 ISO 14001

Turkey
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