

515 kVA - 640 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)



Easy maintenance canopy design



Refilling from the outside of the canopy

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



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N DF XX 0515	N DF XX 0570	N DF XX 0640	
GROUP	GEN-SET POWER	STAND BY	kVA	515	570	640	
			kW	412	456	512	
		PRIME	kVA	468	518	582	
			kW	375	415	465	
	CANOPY DIMENSION (W x L x H) mm				1700 x 4200 x 2715	1700 x 4200 x 2715	1700x4200x2715
	CANOPY WEIGHT kg				6448,94	6448,94	6712
	OPEN DIMENSION (W x L x H) mm				1700 x 3750 x 2050	1700 x 3750 x 2050	1700x3750x2050
	OPEN WEIGHT				5724,44	5724,44	5987
ENGINE	BRAND			DONGFENG			
	TYPE			SYG258TAD45			
	POWER	STAND BY	kW	436	483	539	
		PRIME	kW	396	439	490	
	SPEED (rpm)			1500			
	CYCLE			4			
	DISPLACEMENT (lt)			25,8			
	NUMBER OF CYLNDERS			12 V TYPE			
	BORE x STROKE (mm x mm)			135 X 150			
	COMPRESSION RATIO			16: 1			
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR COOLED			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		99,5	110,25	123,75	
		%75 PRIME POWER		75,62	81,58	94,05	
		%50 PRIME POWER		49,6	56,2	63,11	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			57,4				
TOTAL COOLANT CAPACITY (lt)			110				
FUEL TANK CAPACITY (lt)			1272				

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