

550 kVA - 630 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, 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

MODEL				N DO XX 0550	N DO XX 0610	N DO XX 0630
GROUP	GEN-SET POWER	STAND BY	kVA	550	610	630
			kW	440	488	504
		PRIME	kVA	500	550	567
			kW	400	440	454
	CANOPY DIMENSION (W x L x H) mm			1600 x 4300 x 2190	1600 x 4300 x 2190	1600 x 4300 x 2190
	CANOPY WEIGHT kg			4300	4870	5100
	OPEN DIMENSION (W x L x H) mm			1300 x 3200 x 1900	1400 x 3400 x 2100	1400 x 3400 x 2100
	OPEN WEIGHT			2720	3750	3970
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN
	TYPE			DP158LD	DP180LA	DP180LA
	POWER	STAND BY	kW	510	552	552
		PRIME	kW	464	502	502
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			14,618	18,273	18,273
	NUMBER OF CYLNDERS			8 V TYPE	10 V TYPE	10 V TYPE
	BORE x STROKE (mm x mm)			128 x 142	128 x 142	128 x 142
	COMPRESSION RATIO			15,0 : 1	15,0 : 1	15,0 : 1
	GOVERNOR TYPE			ELECTRONIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		115	123	123
		%75 PRIME POWER		83	94	94
		%50 PRIME POWER		55	64	64
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			22	34	34
TOTAL COOLANT CAPACITY (lt)			90	112	112	
FUEL TANK CAPACITY (lt)			290	310	310	

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