

700 kVA - 825 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 DO XX 0700	N DO XX 0750	N DO XX 0825
GROUP	GEN-SET POWER	STAND BY	kVA	700	750	825
			kW	560	600	660
		PRIME	kVA	630	675	750
			kW	504	540	600
	CANOPY DIMENSION (W x L x H) mm			1900 x 5000 x 2350	1900 x 5000 x 2350	1950 x 5000 x 2350
	CANOPY WEIGHT kg			5690	5815	5100
	OPEN DIMENSION (W x L x H) mm			1400 x 3400 x 2100	1400 x 3400 x 2100	1400 x 3400 x 2100
	OPEN WEIGHT			4000	4270	4370
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN
	TYPE			DP180LB	DP222LB	DP222LC
	POWER	STAND BY	kW	612	664	723
		PRIME	kW	556	604	650
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			18,273	21,927	21,927
	NUMBER OF CYLNDERS			10 V TYPE	12 V TYPE	12 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		136	147,1	161
		%75 PRIME POWER		103	111,32	119,1
		%50 PRIME POWER		71	74	90
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			34	40	40
	TOTAL COOLANT CAPACITY (lt)			112	114	114
	FUEL TANK CAPACITY (lt)			310	310	310

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