

165 kVA - 250 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, 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 0165	N DO XX 0220	N DO XX 0250	
GROUP	GEN-SET POWER	STAND BY	kVA	165	220	250	
			kW	132	176	200	
		PRIME	kVA	150	200	225	
			kW	120	160	180	
	CANOPY DIMENSION (W x L x H) mm				1100 x 3300 x 1770	1100 x 3300 x 1770	1100 x 3300 x 1770
	CANOPY WEIGHT kg				2060	2350	2400
	OPEN DIMENSION (W x L x H) mm				1000 x 2500 x 1400	1000 x 2850 x 1400	1000 x 2850 x 1650
	OPEN WEIGHT				1520	1650	1700
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN	
	TYPE			DP086TA	P086TI	DP086LA	
	POWER	STAND BY	kW	199	199	226	
		PRIME	kW	177	177	203	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			8,071	8,071	8,071	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			111 x 139	111 x 139	111 x 139	
	COMPRESSION RATIO			16,4 : 1	16,4 : 1	16,4 : 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		34	43	46	
		%75 PRIME POWER		25	31	35	
		%50 PRIME POWER		17	21	24	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			15,5	15,5	15,5		
TOTAL COOLANT CAPACITY (lt)			46	46	46		
FUEL TANK CAPACITY (lt)			140	140	140		

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165 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

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- 2014/35/EC (Low Voltage Directive)
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CANOPY / CONTAINER

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- 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
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- 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
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- 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

MODEL				N DO XX 0165	N DO XX 0220	N DO XX 0250	
GROUP	GEN-SET POWER	STAND BY	kVA	165	220	250	
			kW	132	176	200	
		PRIME	kVA	150	200	225	
			kW	120	160	180	
	CANOPY DIMENSION (W x L x H) mm				1100 x 3300 x 1770	1100 x 3300 x 1770	1100 x 3300 x 1770
	CANOPY WEIGHT kg				2060	2350	2400
	OPEN DIMENSION (W x L x H) mm				1000 x 2500 x 1400	1000 x 2850 x 1400	1000 x 2850 x 1650
	OPEN WEIGHT				1520	1650	1700
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN	
	TYPE			DP086TA	P086TI	DP086LA	
	POWER	STAND BY	kW	199	199	226	
		PRIME	kW	177	177	203	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			8,071	8,071	8,071	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			111 x 139	111 x 139	111 x 139	
	COMPRESSION RATIO			16,4 : 1	16,4 : 1	16,4 : 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		34	43	46	
		%75 PRIME POWER		25	31	35	
		%50 PRIME POWER		17	21	24	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			15,5	15,5	15,5		
TOTAL COOLANT CAPACITY (lt)			46	46	46		
FUEL TANK CAPACITY (lt)			140	140	140		

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MODEL				N DO XX 0330	N DO XX 0355	N DO XX 0385	
GROUP	GEN-SET POWER	STAND BY	kVA	330	355	385	
			kW	260	285	310	
		PRIME	kVA	300	320	350	
			kW	240	256	280	
	CANOPY DIMENSION (W x L x H) mm				1200 x 3800 x 1940	1300 x 3950 x 2135	1300 x 3950 x 2135
	CANOPY WEIGHT kg				3140	3500	3600
	OPEN DIMENSION (W x L x H) mm				1100 x 3000 x 1650	1300 x 3200 x 1700	1300 x 3200 x 1700
	OPEN WEIGHT				1750	2505	2580
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN	
	TYPE			P126TI-II	DP126LA	DP126LB	
	POWER	STAND BY	kW	294	342	362	
		PRIME	kW	265	307	327	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,051	11,051	11,051	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			123 x 155	123 x 155	123 x 155	
	COMPRESSION RATIO			17,1 : 1	17,2 : 1	17,2 : 1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		63	68	74	
		%75 PRIME POWER		47	51	55	
		%50 PRIME POWER		31	34	36	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			23	44	44		
TOTAL COOLANT CAPACITY (lt)			51	51	51		
FUEL TANK CAPACITY (lt)			290	290	290		

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MODEL				N DO XX 0410	N DO XX 0440	N DO XX 0500	
GROUP	GEN-SET POWER	STAND BY	kVA	410	440	500	
			kW	330	352	400	
		PRIME	kVA	370	400	450	
			kW	295	320	360	
	CANOPY DIMENSION (W x L x H) mm				1300 x 3950 x 2135	1600 x 4300 x 2190	1600 x 4300 x 2190
	CANOPY WEIGHT kg				3700	3890	4180
	OPEN DIMENSION (W x L x H) mm				1300 x 3200 x 1700	1300 x 3200 x 1900	1300 x 3200 x 1900
	OPEN WEIGHT				2700	2340	2650
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN	
	TYPE			DP126LB	P158LE	DP158LC	
	POWER	STAND BY	kW	362	414	449	
		PRIME	kW	327	363	408	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,051	14,618	14,618	
	NUMBER OF CYLNDERS			6 IN LINE	8 V TYPE	8 V TYPE	
	BORE x STROKE (mm x mm)			123 x 155	128 x 142	128 x 142	
	COMPRESSION RATIO			17,2 : 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		76	89	99	
		%75 PRIME POWER		57	65	72	
		%50 PRIME POWER		38	43	48	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			44	21	22		
TOTAL COOLANT CAPACITY (lt)			51	89	90		
FUEL TANK CAPACITY (lt)			290	290	290		

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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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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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330 kVA - 385 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, 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 0330	N DO XX 0355	N DO XX 0385	
GROUP	GEN-SET POWER	STAND BY	kVA	330	355	385	
			kW	260	285	310	
		PRIME	kVA	300	320	350	
			kW	240	256	280	
	CANOPY DIMENSION (W x L x H) mm				1200 x 3800 x 1940	1300 x 3950 x 2135	1300 x 3950 x 2135
	CANOPY WEIGHT kg				3140	3500	3600
	OPEN DIMENSION (W x L x H) mm				1100 x 3000 x 1650	1300 x 3200 x 1700	1300 x 3200 x 1700
	OPEN WEIGHT				1750	2505	2580
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN	
	TYPE			P126TI-II	DP126LA	DP126LB	
	POWER	STAND BY	kW	294	342	362	
		PRIME	kW	265	307	327	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,051	11,051	11,051	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			123 x 155	123 x 155	123 x 155	
	COMPRESSION RATIO			17,1 : 1	17,2 : 1	17,2 : 1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		63	68	74	
		%75 PRIME POWER		47	51	55	
		%50 PRIME POWER		31	34	36	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			23	44	44		
TOTAL COOLANT CAPACITY (lt)			51	51	51		
FUEL TANK CAPACITY (lt)			290	290	290		

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410 kVA - 500 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

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- Easy installation type without welding canopy
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- 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
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- 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

MODEL				N DO XX 0410	N DO XX 0440	N DO XX 0500	
GROUP	GEN-SET POWER	STAND BY	kVA	410	440	500	
			kW	330	352	400	
		PRIME	kVA	370	400	450	
			kW	295	320	360	
	CANOPY DIMENSION (W x L x H) mm				1300 x 3950 x 2135	1600 x 4300 x 2190	1600 x 4300 x 2190
	CANOPY WEIGHT kg				3700	3890	4180
	OPEN DIMENSION (W x L x H) mm				1300 x 3200 x 1700	1300 x 3200 x 1900	1300 x 3200 x 1900
	OPEN WEIGHT				2700	2340	2650
ENGINE	BRAND			DOOSAN	DOOSAN	DOOSAN	
	TYPE			DP126LB	P158LE	DP158LC	
	POWER	STAND BY	kW	362	414	449	
		PRIME	kW	327	363	408	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,051	14,618	14,618	
	NUMBER OF CYLNDERS			6 IN LINE	8 V TYPE	8 V TYPE	
	BORE x STROKE (mm x mm)			123 x 155	128 x 142	128 x 142	
	COMPRESSION RATIO			17,2 : 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		76	89	99	
		%75 PRIME POWER		57	65	72	
		%50 PRIME POWER		38	43	48	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			44	21	22		
TOTAL COOLANT CAPACITY (lt)			51	89	90		
FUEL TANK CAPACITY (lt)			290	290	290		

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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)



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 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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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
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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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