

40 kVA - 72 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 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 DZ XX 0040	N DZ XX 0060	N DZ XX 0072	
GROUP	GEN-SET POWER	STAND BY	kVA	40	60	72	
			kW	32	48	58	
		PRIME	kVA	36	55	65	
			kW	29	44	52	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2880 x 1610
	CANOPY WEIGHT kg				930	1015	1315
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1390	1000 x 2050 x 1520	1000 x 2400 x 1520
	OPEN WEIGHT				735	820	1095
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			D226B-3D	TD226B-3D	WP4D66E200	
	POWER	STAND BY	kW	36,5	55,2	86	
		PRIME	kW	32	50,2	78	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			3,12	3,12	4,5	
	NUMBER OF CYLNDERS			3 IN LINE	3 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			105 x 120	105 x 120	105 x 130	
	COMPRESSION RATIO			16,4:1	15,5:1	18:1	
	GOVERNOR TYPE			MECHANIC / ELECTRONIC			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		7,56	12,35	16,40	
		%75 PRIME POWER		5,69	9,26	12,33	
		%50 PRIME POWER		3,92	6,54	9,70	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			7,25	7,25	10		
TOTAL COOLANT CAPACITY (lt)			28	28	15,30		
FUEL TANK CAPACITY (lt)			132	132	180		

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40 kVA - 850 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)
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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
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- Anticondensation heater
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- VDE 0530, BSE 4999, EN60335, IEC 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 DZ XX 0040	N DZ XX 0060	N DZ XX 0072	
GROUP	GEN-SET POWER	STAND BY	kVA	40	60	72	
			kW	32	48	58	
		PRIME	kVA	36	55	65	
			kW	29	44	52	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2880 x 1610
	CANOPY WEIGHT kg				930	1015	1315
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1390	1000 x 2050 x 1520	1000 x 2400 x 1520
	OPEN WEIGHT				735	820	1095
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			D226B-3D	TD226B-3D	WP4D66E200	
	POWER	STAND BY	kW	36,5	55,2	86	
		PRIME	kW	32	50,2	78	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			3,12	3,12	4,5	
	NUMBER OF CYLNDERS			3 IN LINE	3 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			105 x 120	105 x 120	105 x 130	
	COMPRESSION RATIO			16,4:1	15,5:1	18:1	
	GOVERNOR TYPE			MECHANIC / ELECTRONIC			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		7,56	12,35	16,40	
		%75 PRIME POWER		5,69	9,26	12,33	
		%50 PRIME POWER		3,92	6,54	9,70	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			7,25	7,25	10		
TOTAL COOLANT CAPACITY (lt)			28	28	15,30		
FUEL TANK CAPACITY (lt)			132	132	180		

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MODEL				N DZ XX 0082	N DZ XX 0110	N DZ XX 0150	
GROUP	GEN-SET POWER	STAND BY	kVA	82	110	150	
			kW	66	88	120	
		PRIME	kVA	75	100	136	
			kW	60	80	109	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3580 x 1870
	CANOPY WEIGHT kg				1315	1435	1760
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1520	1050 x 2700 x 1520	1050 x 3100 x 1690
	OPEN WEIGHT				1095	1195	1500
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			WP4D66E200	WP4D108E200	WP6D140E200	
	POWER	STAND BY	kW	86	108	140	
		PRIME	kW	78	94	128	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,5	4,50	6,75	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			105 x 130	105 x 130	105 x 130	
	COMPRESSION RATIO			18:1	18:1	18:1	
	GOVERNOR TYPE			MECHANIC / ELECTRONIC	ELECTRONIC		
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		18,93	22,29	30,4	
		%75 PRIME POWER		14,23	16,68	23,1	
		%50 PRIME POWER		10,11	11,38	15,9	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			10	10	16		
TOTAL COOLANT CAPACITY (lt)			15,30	16,30	28		
FUEL TANK CAPACITY (lt)			180	280	280		

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MODEL				N DZ XX 0165	E DT XX 0275	E DT XX 0290	
GROUP	GEN-SET POWER	STAND BY	kVA	165	275	290	
			kW	132	220	232	
		PRIME	kVA	150	250	264	
			kW	120	200	211	
	CANOPY DIMENSION (W x L x H) mm				1050 x 3580 x 1870	1400 x 3300 x 2585	1400 x 3300 x 2585
	CANOPY WEIGHT kg				1760	2480	2480
	OPEN DIMENSION (W x L x H) mm				1050 x 3100 x 1690	1400 x 3000 x 2270	1400 x 3000 x 2270
	OPEN WEIGHT				1500	2095	2095
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			WP6D152E200	BF6M1015-LA-GA	BF6M1015C-LA-G1A	
	POWER	STAND BY	kW	152	231	250	
		PRIME	kW	138	208	228	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			6,75	11,906	11,906	
	NUMBER OF CYLNDERS			6 IN LINE	6 CYLINDERS- V TYPE	6 CYLINDERS- V TYPE	
	BORE x STROKE (mm x mm)			105 x 130	132 x 145	132 x 145	
	COMPRESSION RATIO			18:1	16.5:1	16.5:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED	TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		32,64	48,53	53,20	
		%75 PRIME POWER		24,56	36,4	39,90	
		%50 PRIME POWER		16,65	24,26	26,60	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			16	38	38		
TOTAL COOLANT CAPACITY (lt)			28	62	62		
FUEL TANK CAPACITY (lt)			280	565	565		

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MODEL				E DT XX 0360	E DT XX 0440	E DT XX 0520	
GROUP	GEN-SET POWER	STAND BY	kVA	360	440	520	
			kW	288	352	416	
		PRIME	kVA	330	400	475	
			kW	264	320	380	
	CANOPY DIMENSION (W x L x H) mm				1600 x 3250 x 2475	1600 x 3250 x 2475	1600 x 4000 x 2875
	CANOPY WEIGHT kg				2765	2855	3440
	OPEN DIMENSION (W x L x H) mm				1600 x 3000 x 1900	1600 x 3000 x 1900	1600 x 3500 x 1980
	OPEN WEIGHT				2380	2475	2975
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			BF6M1015C-LA-G3A	BF6M1015CP-LA-G	BF8M1015C-LA-G2	
	POWER	STAND BY	kW	314	365	440	
		PRIME	kW	282	328	403	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,906	11,906	15,874	
	NUMBER OF CYLINDERS			6 CYLINDERS- V TYPE	6 CYLINDERS- V TYPE	8 CYLINDERS- V TYPE	
	BORE x STROKE (mm x mm)			132 x 145	132 x 145	132 x 145	
	COMPRESSION RATIO			16.5:1	16.5:1	16.5:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED	TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		65,80	76,53	94,03	
		%75 PRIME POWER		49,35	57,40	70,53	
		%50 PRIME POWER		32,90	38,25	47,02	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			38	38	48		
TOTAL COOLANT CAPACITY (lt)			62	67	87		
FUEL TANK CAPACITY (lt)			760	760	1145		

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MODEL				E DT XX 0575	E DT XX 0630	E DT XX 0700	E DT XX 0850
GROUP	GEN-SET POWER	STAND BY	kVA	575	630	700	850
			kW	460	504	560	680
		PRIME	kVA	522	570	636	775
			kW	418	456	509	620
	CANOPY DIMENSION (W x L x H) mm			1600 x 4000 x 2875	1600 x 4000 x 2875	1600 x 4000 x 2875	2100 x 4700 x 3000
	CANOPY WEIGHT kg			3480	3675	3815	4615
	OPEN DIMENSION (W x L x H) mm			1600 x 3500 x 1980	1600 x 3500 x 1980	1600 x 3500 x 1980	2100 x 4000 x 2460
	OPEN WEIGHT			3015	3210	3350	4115
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	DEUTZ
	TYPE			BF8M1015CP-LA-G4	BF8M1015CP-LA-G4	BF8M1015CP-LA-G5	HC12V132ZL
	POWER	STAND BY	kW	540	540	560	740
		PRIME	kW	490	490	509	660
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			15,874	15,874	15,874	23,812
	NUMBER OF CYLNDERS			8 CYLINDERS- V TYPE	8 CYLINDERS- V TYPE	8 CYLINDERS- V TYPE	12 CYLINDERS- V TYPE
	BORE x STROKE (mm x mm)			132 x 145	132 x 145	132 x 145	132 x 145
	COMPRESSION RATIO			16.5:1	16.5:1	16.5:1	16,5:1
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		104,70	114,33	118,77	154,79
		%75 PRIME POWER		78,52	85,75	89,08	116,09
		%50 PRIME POWER		52,35	57,17	59,38	77,39
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			48	48	48	54	
TOTAL COOLANT CAPACITY (lt)			93	93	93	111	
FUEL TANK CAPACITY (lt)			1145	1145	1145	1250	

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82 kVA - 150 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 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 DZ XX 0082	N DZ XX 0110	N DZ XX 0150	
GROUP	GEN-SET POWER	STAND BY	kVA	82	110	150	
			kW	66	88	120	
		PRIME	kVA	75	100	136	
			kW	60	80	109	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3580 x 1870
	CANOPY WEIGHT kg				1315	1435	1760
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1520	1050 x 2700 x 1520	1050 x 3100 x 1690
	OPEN WEIGHT				1095	1195	1500
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			WP4D66E200	WP4D108E200	WP6D140E200	
	POWER	STAND BY	kW	86	108	140	
		PRIME	kW	78	94	128	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,5	4,50	6,75	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			105 x 130	105 x 130	105 x 130	
	COMPRESSION RATIO			18:1	18:1	18:1	
	GOVERNOR TYPE			MECHANIC / ELECTRONIC	ELECTRONIC		
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		18,93	22,29	30,4	
		%75 PRIME POWER		14,23	16,68	23,1	
		%50 PRIME POWER		10,11	11,38	15,9	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			10	10	16	
TOTAL COOLANT CAPACITY (lt)			15,30	16,30	28		
FUEL TANK CAPACITY (lt)			180	280	280		

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165 kVA - 290 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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- 2006/42/EC (Machinery Directive)
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- 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.)
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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 DZ XX 0165	E DT XX 0275	E DT XX 0290	
GROUP	GEN-SET POWER	STAND BY	kVA	165	275	290	
			kW	132	220	232	
		PRIME	kVA	150	250	264	
			kW	120	200	211	
	CANOPY DIMENSION (W x L x H) mm				1050 x 3580 x 1870	1400 x 3300 x 2585	1400 x 3300 x 2585
	CANOPY WEIGHT kg				1760	2480	2480
	OPEN DIMENSION (W x L x H) mm				1050 x 3100 x 1690	1400 x 3000 x 2270	1400 x 3000 x 2270
	OPEN WEIGHT				1500	2095	2095
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			WP6D152E200	BF6M1015-LA-GA	BF6M1015C-LA-G1A	
	POWER	STAND BY	kW	152	231	250	
		PRIME	kW	138	208	228	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			6,75	11,906	11,906	
	NUMBER OF CYLNDERS			6 IN LINE	6 CYLINDERS- V TYPE	6 CYLINDERS- V TYPE	
	BORE x STROKE (mm x mm)			105 x 130	132 x 145	132 x 145	
	COMPRESSION RATIO			18:1	16.5:1	16.5:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED	TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		32,64	48,53	53,20	
		%75 PRIME POWER		24,56	36,4	39,90	
		%50 PRIME POWER		16,65	24,26	26,60	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			16	38	38		
TOTAL COOLANT CAPACITY (lt)			28	62	62		
FUEL TANK CAPACITY (lt)			280	565	565		

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360 kVA - 520 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 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				E DT XX 0360	E DT XX 0440	E DT XX 0520	
GROUP	GEN-SET POWER	STAND BY	kVA	360	440	520	
			kW	288	352	416	
		PRIME	kVA	330	400	475	
			kW	264	320	380	
	CANOPY DIMENSION (W x L x H) mm				1600 x 3250 x 2475	1600 x 3250 x 2475	1600 x 4000 x 2875
	CANOPY WEIGHT kg				2765	2855	3440
	OPEN DIMENSION (W x L x H) mm				1600 x 3000 x 1900	1600 x 3000 x 1900	1600 x 3500 x 1980
	OPEN WEIGHT				2380	2475	2975
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			BF6M1015C-LA-G3A	BF6M1015CP-LA-G	BF8M1015C-LA-G2	
	POWER	STAND BY	kW	314	365	440	
		PRIME	kW	282	328	403	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,906	11,906	15,874	
	NUMBER OF CYLINDERS			6 CYLINDERS- V TYPE	6 CYLINDERS- V TYPE	8 CYLINDERS- V TYPE	
	BORE x STROKE (mm x mm)			132 x 145	132 x 145	132 x 145	
	COMPRESSION RATIO			16.5:1	16.5:1	16.5:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED	TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		65,80	76,53	94,03	
		%75 PRIME POWER		49,35	57,40	70,53	
		%50 PRIME POWER		32,90	38,25	47,02	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			38	38	48		
TOTAL COOLANT CAPACITY (lt)			62	67	87		
FUEL TANK CAPACITY (lt)			760	760	1145		

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575 kVA - 850 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
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- 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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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				E DT XX 0575	E DT XX 0630	E DT XX 0700	E DT XX 0850
GROUP	GEN-SET POWER	STAND BY	kVA	575	630	700	850
			kW	460	504	560	680
		PRIME	kVA	522	570	636	775
			kW	418	456	509	620
	CANOPY DIMENSION (W x L x H) mm			1600 x 4000 x 2875	1600 x 4000 x 2875	1600 x 4000 x 2875	2100 x 4700 x 3000
	CANOPY WEIGHT kg			3480	3675	3815	4615
	OPEN DIMENSION (W x L x H) mm			1600 x 3500 x 1980	1600 x 3500 x 1980	1600 x 3500 x 1980	2100 x 4000 x 2460
	OPEN WEIGHT			3015	3210	3350	4115
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	DEUTZ
	TYPE			BF8M1015CP-LA-G4	BF8M1015CP-LA-G4	BF8M1015CP-LA-G5	HC12V132ZL
	POWER	STAND BY	kW	540	540	560	740
		PRIME	kW	490	490	509	660
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			15,874	15,874	15,874	23,812
	NUMBER OF CYLINDERS			8 CYLINDERS- V TYPE	8 CYLINDERS- V TYPE	8 CYLINDERS- V TYPE	12 CYLINDERS- V TYPE
	BORE x STROKE (mm x mm)			132 x 145	132 x 145	132 x 145	132 x 145
	COMPRESSION RATIO			16.5:1	16.5:1	16.5:1	16,5:1
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		104,70	114,33	118,77	154,79
		%75 PRIME POWER		78,52	85,75	89,08	116,09
		%50 PRIME POWER		52,35	57,17	59,38	77,39
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			48	48	48	54	
TOTAL COOLANT CAPACITY (lt)			93	93	93	111	
FUEL TANK CAPACITY (lt)			1145	1145	1145	1250	

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