

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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