

## 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
- 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 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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