

## DEUTZ 290-360 kVA

### Technical Specifications



#### ENGINE

- DEUTZ 1015 series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Electronic governor system
- 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 block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

#### QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the standards mentioned above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates.

Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

#### ALTERNATOR

- Brushless, single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class
- Self exciter
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure

#### EXTRA EQUIPMENTS

- Charge ammeter
- Moulded case circuit breaker (in automatic models)
- Hospital/Critical type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets
- 3 pole/4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

#### CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- 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

#### AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output

#### GEN-SET SAFETY 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



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



# DEUTZ 1015 Series

## Diesel Generator Sets

### DEUTZ 1015 Series Diesel Generator Sets 290-360 kVA

MODEL				E DT XX 0290	E DT XX 0315	E DT XX 0360	
GROUP	GEN - SET POWER	STAND BY	kVA	290	315	360	
			kW	232	252	288	
		PRIME	kVA	263	284	325	
			kW	210	227	260	
	CANOPY DIMENSION (W x L x H) mm				1400 x 3300 x 2550	1400 x 3300 x 2550	1600 x 3600 x 2550
	CANOPY WEIGHT kg				2940	2990	3215
	OPEN DIMENSION (W x L x H) mm				1400 x 3000 x 2620	1400 x 3000 x 2620	1600 x 3000 x 2650
	OPEN WEIGHT kg				2440	2450	2665
ENGINE	BRAND			DEUTZ	DEUTZ	DEUTZ	
	TYPE			BF6M1015-LA-GA	BF6M1015C-LA-G1A	BF6M1015C-LA-G2A	
	POWER	STAND BY	kW	231,0	250,0	285,0	
		PRIME	kW	210,0	227,3	259,1	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,906	11,906	11,906	
	NUMBER OF CYLINDERS			6 CYLINDERS- V TYPE	6 CYLINDERS- V TYPE	6 CYLINDERS- V TYPE	
	BORE AND 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	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		52,31	55,25	63,92	
		75% OF PRIME POWER		39,55	41,52	48,33	
50% OF PRIME POWER		26,78	27,78	32,74			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			36	36	36		
TOTAL COOLANT CAPACITY (lt)			62	62	62		
FUEL TANK CAPACITY (lt)			565	565	760		

Emsa reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

