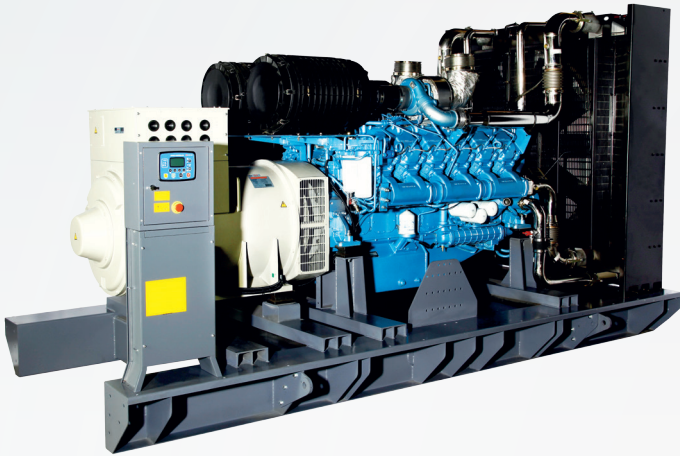


50 Hz

## BAUDOIN 1385-1500 kVA

Дизельная электростанция  
EMSA EB 1385 (1000 кВт)



### ENGINE

- BAUDOIN series heavy duty diesel engine
- 4 cycle, water cooled 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
- 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 out of canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender



## BAUDOIN Series Diesel Generator Sets 1385-1500 kVA

MODEL			E BD XX 1385		E BD XX 1500	
			FREQUENCY			50 Hz
VOLTAGE			400/231 V		400/231 V	
GEN SET	STANDBY	kVA	1385		1500	
		kW	1108		1200	
	PRIME	kVA	1250		1350	
		kW	1000		1080	
CANOPY DIMENSION (W x L x H) mm.			N/A		N/A	
CANOPY WEIGHT (KG)			N/A		N/A	
OPEN DIMENSION (W x L x H) mm.			2250 x 5000 x 2650		2250 x 5000 x 2650	
OPEN WEIGHT (KG)			6450 ± 40		6450 ± 40	
ENGINE MODEL			BAUDOIN 12M33D1108E200		BAUDOIN 12M33D1210E200	
NET ENGINE POWER	STANDBY	kW	1180		1270	
	PRIME	kW	1073		1155	
ENGINE SPEED (rpm)			1500		1500	
CYCLE			4		4	
DISPLACEMENT (lt)			39,2		39,2	
NUMBER OF CYLINDERS / ALIGNMENT			12 CYLINDERS V-TYPE		12 CYLINDERS V-TYPE	
BORE / STROKE (mm.)			150 X 185		150 X 185	
COMPRESSION RATIO			15:1		15:1	
GOVERNING TYPE			ELECTRONIC		ELECTRONIC	
INDUCTION			TURBO CHARGED-INTERCOOLER		TURBO CHARGED-INTERCOOLER	
COMBUSTION SYSTEM			DIRECT		DIRECT	
FUEL CONSUMPTION (lt/h)	%100 LOAD		255,42		274,93	
	%75 LOAD		186,75		201,02	
	%50 LOAD		127,71		137,47	
TOTAL COOLANT CAPACITY (lt)			175		190	
TOTAL LUBRICATING CAPACITY (lt)			146		146	
FUEL TANK CAPACITY (lt)			2500		2500	
ALTERNATOR / MODEL			EG400-1000N		EG450-1000N	
ALTERNATOR	CONTROL SYSTEM		SELF EXCITED		SELF EXCITED	
	A.V.R. / VOLTAGE REGULATION		± 1 %		± 1 %	
	INSULATION SYSTEM		CLASS H		CLASS H	
	PROTECTION		IP 21 - 23		IP 21 - 23	
	RATED POWER FACTOR		0,8		0,8	
	FREQUENCY		50 Hz		50 Hz	
	VOLTAGE		400/231 V		400/231 V	
	WINDING NO		6		6	
	CONT. H - 125/40 °C		1350		1350	
	STANDBY - 163/27 °C		1500		1500	

<http://www.brizmotors.ru/equipment/emsa/eb-1385/>



**Türkiye**  
Discover the potential