

BAUDOUIIN 1250-1400 kVA

Technical Specifications



ENGINE

- BAUDOUIIN 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 2-16 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



BAUDOIN Series

Diesel Generator Sets

BAUDOIN Series Diesel Generator Sets 1250-1400 KVA

MODEL				E BD XX 1250	E BD XX 1400
GROUP	GEN - SET POWER	STAND BY	kVA	1250	1400
			kW	1000	1120
		PRIME	kVA	1136	1273
			kW	909	1018
	CANOPY DIMENSION (W x L x H) mm			2400 x 5450 x 3450	2400 x 5450 x 3450
	CANOPY WEIGHT kg			8760	9080
	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	BRAND			BAUDOIN	BAUDOIN
	TYPE			12M33G1250/5e2	12M33G1400/5e2
	POWER	STAND BY	kW	1108	1210
		PRIME	kW	1007	1100
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			39,2	39,2
	NUMBER OF CYLINDERS			12 CYLINDERS V-TYPE	12 CYLINDERS V-TYPE
	BORE AND STROKE (mm x mm)			150 X 185	150 X 185
	COMPRESSION RATIO			15:1	15:1
	GOVERNOR TYPE			ELECTRONIC	
	INDUCTION			TURBO CHARGED-INTERCOOLER	
	COMBUSTION SYSTEM			DIRECT	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		236,1	259,1
		75% OF PRIME POWER		174,9	191
50% OF PRIME POWER		119,4	129,5		
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			146	146	
TOTAL COOLANT CAPACITY (lt)			232,94	232,94	
FUEL TANK CAPACITY (lt)			2500	2500	

Emsa reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.
N/A: These dimensions and weights may change depending upon the characteristics of the project. Please contact us.

