

BAUDOQUIN 900-1250 kVA

Technical Specifications



ENGINE

- BAUDOQUIN 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
- 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 900-1250 KVA

MODEL				E BD XX 0900	E BD XX 1000	E BD XX 1125	E BD XX 1250	
GROUP	GEN - SET POWER	STAND BY	kVA	900	1000	1125	1250	
			kW	720	800	900	1000	
		PRIME	kVA	810	910	1023	1125	
			kW	648	728	818	900	
	CANOPY DIMENSION (W x L x H) mm				2200 x 5300 x 2750	2200 x 5300 x 2750	2200 x 5300 x 2750	2200 x 5300 x 2750
	CANOPY WEIGHT kg				7180 ± 40	7280 ± 40	7640 ± 40	7670 ± 40
	OPEN DIMENSION (W x L x H) mm				2100 x 4500 x 2600	2100 x 4500 x 2600	2100 x 4500 x 2600	2100 x 4500 x 2600
	OPEN WEIGHT kg				6330 ± 40	6430 ± 40	6790 ± 40	6820 ± 40
ENGINE	BRAND			BAUDOIN	BAUDOIN	BAUDOIN	BAUDOIN	
	TYPE			12M26D748E200	12M26D792E200	12M26D902E200	12M26D968E200	
	POWER	STAND BY	kW	792	880	980	1080	
		PRIME	kW	720	800	891	982	
	SPEED (rpm)			1500	1500	1500	1500	
	CYCLE			4	4	4	4	
	DISPLACEMENT (lt)			31,8	31,8	31,8	31,8	
	NUMBER OF CYLINDERS			12 CYLINDERS V-TYPE	12 CYLINDERS V-TYPE	12 CYLINDERS V-TYPE	12 CYLINDERS V-TYPE	
	BORE AND STROKE (mm x mm)			150 X 150	150 X 150	150 X 150	150 X 150	
	COMPRESSION RATIO			15,7:1	15,7:1	15,7:1	15,7:1	
	GOVERNOR TYPE			ELECTRONIC				
	INDUCTION			TURBO CHARGED-INTERCOOLER				
	COMBUSTION SYSTEM			DIRECT				
	COOLING SYSTEM			WATER				
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		171,39	190,43	211,85	233,75	
75% OF PRIME POWER		131,77	146,41	162,88	179,72			
50% OF PRIME POWER		91,29	101,44	112,85	124,51			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			113	113	113	113		
TOTAL COOLANT CAPACITY (lt)			180	180	198	210		
FUEL TANK CAPACITY (lt)			1550	1550	2000	2000		

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

