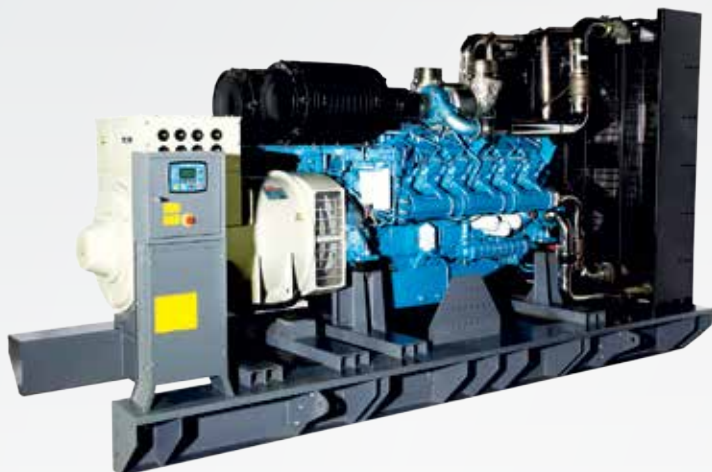


ДЭС BAUDOUIN 660-715 кВА

Technical Specifications



ENGINE

- BAUDOUIN 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 generators are manufactured in compliance with VDE 0530, BSE 4999 BS5000, IEC 34, TS ISO 8528, TS EN ISO 3744, TS EN ISO 3746, TS EN 60034-1, TS EN 60204-1, TS EN 60335-1, TS EN 61439-1, EN 61000, TS EN ISO12100 standards.

We have ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 and ISO10002:2006 management system certificates from Kiwa & MEYER, an accredited independent quality organization.

Our generators up to 400 kw are manufactured in compliance with 2000/14/EC European noise emission directive and certified from Ente Certificazione Macchine.

We also have TS ISO 8528-4, TS ISO 8528-5, TS EN 13501-1+A1:2013 flame retardancy and TS EN ISO 9227 certificates against anti-corrosion together with CE Declaration.

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

- The alternator windings are protected by insulating varnish against oil and acid.

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
- PMG warning system

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 660-715 KVA

MODEL				E BD XX 0660	E BD XX 0715
GROUP	GEN - SET POWER	STAND BY	kVA	660	715
			kW	528	572
		PRIME	kVA	600	650
			kW	480	520
	CANOPY DIMENSION (W x L x H) mm			1800 x 4500 x 3075	1800 x 4500 x 3075
	CANOPY WEIGHT kg			5590	5590
	OPEN DIMENSION (W x L x H) mm			1800 x 4290 x 2340	1800 x 4290 x 2340
	OPEN WEIGHT kg			4900	4900
ENGINE	BRAND			BAUDOIN	BAUDOIN
	TYPE			6M33G660/5e2	6M33G715/5e2
	POWER	STAND BY	kW	572	633
		PRIME	kW	520	575
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			19,60	19,60
	NUMBER OF CYLINDERS			6 CYLINDERS INLINE	6 CYLINDERS INLINE
	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		122,8	134,7
		75% OF PRIME POWER		92,8	90,3
		50% OF PRIME POWER		64,4	76,8
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			60,5	60,5	
TOTAL COOLANT CAPACITY (lt)			126,63	126,63	
FUEL TANK CAPACITY (lt)			1530	1530	

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

