

# BAUDOUIIN 660-715 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 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

## BAUDOUIIN Series Diesel Generator Sets 660-715 KVA

MODEL			BD XX 0660	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			BAUDOUIIN	BAUDOUIIN
	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	

