



## MG-BDE-2500

BAUDOUIIN Series Diesel Generator Sets

Stand by	kVA	2500
	kW	2000

PRIME	kVA	2250
	kW	1800



BAUDOUIIN



EMSA



Smart 500 mk



Water Cooled



50 hz



3 phase



Easy maintenance



Modular type sound-proof canopy



Diesel



Remote control system



Warning system for decreasing fuel



### Engine Specifications

- BAUDOUIIN series heavy duty diesel engine
- 4 Cycle, Water Cooling system, TURBOCHARGED - AFTERCOOLER Induction
- PDF\_BLOK4\_ENGINE\_SPECIFICATIONS\_GOVERNOR\_ECU governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- 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

Model	20M33G2500/5	
Power	Stand by kW	2210
	Prime kW	2010
Speed (rpm)	1500	
Cycle	4	
Displacement (lt)	65.4	
Number of cylinders	20 V	
Bore & Stroke	150 x 185	
Compression ratio	15 : 1	

Governor type	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	
Induction	TURBOCHARGED - AFTERCOOLER	
Combustion System	Direct	
Cooling system	Water	
Fuel consumption 100%	466,4	
(lt/h)	75%	360,7
	50%	240,5
Total lubrication system capacity (lt)	235	
Total coolant capacity (lt)	410	



### Alternator Specifications

- 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

Brand	EMSA
Model	EG500-1800N
Frequency (hz)	50
Power (KVA)	2588
Design	4 pole, brushless
Connection type	Star
Voltage (V)	400

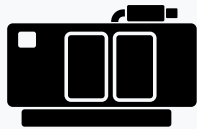
phase	3
A.V.R.	EVC600
Voltage regulation (+/-)	± 1%
Insulation system	Class H
Protection	IP23
Rated power factor	0,8
Weight (kg)	-





## Container


- Chassis parts and load-bearing construction are manufactured from 140mm NPU
- The base metal sheet is manufactured from 2/3 diamond-shaped metal sheet
- Sidewall metal sheets are manufactured from 1.5mm ST 37 DKP trapezoidal metal sheet
- The top metal sheet will be manufactured from 1.5mm ST 37 DKP trapezoidal metal sheet
- Air disposing and suction parts are manufactured with the normal shutter in bolt-mounted hot-plug
- Lifting lugs are manufactured to bear the total load of the container (with generator)(8 pcs ISO Locked)
- PPG RAL 9010 paint application is followed for painting
- Internal illumination has 2x1x18 Watt waterproof fixture and 1x1x16 A monophasic plug fitting


- Top wall isolation is 0.8mm galvanised perforated metal sheet coating on 8cm fibro-glass glass wool plate
- The double-winged main door is manufactured with a pipe-type locking mechanism
- Service doors are manufactured with 4 single-winged and internal panic bar mechanisms to be locked outside (These doors are designed mounted inside the container body and doorknobs do not exceed container body)
- Emergency stop button on long edges
- Warning signs are placed to necessary places inside and outside the container





	Dimensions (W x L x H) mm	-x-x-
---	---------------------------	-------

	Weight (Kg)	0
--	-------------	---

	Fuel tank capacity (lt)	-
--	-------------------------	---

	Dimensions (W x L x H) mm	-x-x-
--	---------------------------	-------

	Weight (Kg)	0
---	-------------	---

	Fuel tank capacity (lt)	-
---	-------------------------	---

### Silencer options

- Standard industrial type
- Critical type
- Hospital type

### Container Options

- Standard container
- Acoustic container

### 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

### Optional Equipments

- Charge ammeter
- Moulded case circuit breaker (in automatic models)
- Hospital/Critical type silencer
- Modular type 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