



MG-BDS-0385/6

BAUDOUIN Series Diesel Generator Sets

Stand by	kVA	385
	kW	308

PRIME	kVA	350
	kW	280



BAUDOUIN



STAMFORD



Smart 500 mk



Water Cooled



60 hz



3 phase



Easy maintenance



Modular type sound-proof canopy



Diesel



Remote control system



Warning system for decreasing fuel



Engine Specifications

- BAUDOUIN series heavy duty diesel engine
- 4 Cycle, Water Cooling system, TURBOCHARGED - AFTERCOOLER Induction
- Electronic 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	6M16G308/6^	
Power	Stand by kW	360
	Prime kW	327
Speed (rpm)	1800	
Cycle	4	
Displacement (lt)	9,726	
Number of cylinders	6, in line	
Bore & Stroke	126 x 130	
Compression ratio	17 : 1	

Governor type	Electronic
Induction	TURBOCHARGED - AFTERCOOLER
Combustion System	Direct
Cooling system	Water
Fuel consumption 100% (lt/h)	81
75%	60,5
50%	41,5
Total lubrication system capacity (lt)	30
Total coolant capacity (lt)	50



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	STAMFORD
Frequency (hz)	60
Design	4 pole, brushless
phase	3

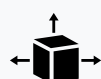
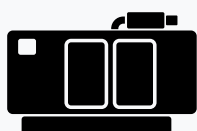
Voltage regulation (+/-)	± 1%
Insulation system	Class H
Protection	IP23
Rated power factor	0,8

Brand	Voltage (V)	Stand by	Continuous	A.V.R.	Connection type	Weight (kg)
S4L1D-D	220	410	370	AS440	Parallel Star	940
S4L1D-E	380	405,9	375,7	AS440	Series Star	1024
S4L1D-D	440	410	370	AS440	Series Star	940



Canopy

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Weatherproof canopy rating is IP 23
- Canopy designed for easy maintenance



Dimensions
(W x L x H) mm

1200 x 3600 x 2490



Weight (Kg)

3195,2



Fuel tank capacity (lt)

360

- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window
- Insulation details: Non-flammable acoustic foam
- Nano tech cleaning system



Dimensions
(W x L x H) mm

1200x3100x2490



Weight (Kg)

2877,2



Fuel tank capacity (lt)

360

Silencer options

- Standard industrial type
- Critical type
- Hospital type

Gen-Set safety protection & alarms

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level

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

Canopy options

- Standard canopy
- Super silent canopy
- Extra super silent canopy (thicker insulation)

- Over current load
- High & low genset voltage
- Start/stop failure

- 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