



MG-BDS-0127/6

BAUDOUIN Series Diesel Generator Sets

Stand by	kVA	127
	kW	102

PRIME	kVA	115
	kW	92



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	4M11G106/6		Governor type	Electronic	
Power	Stand by kW	118	Induction	TURBOCHARGED -	
	Prime kW	108		AFTERCOOLER	
Speed (rpm)	1800		Combustion System	Direct	
Cycle	4		Cooling system	Water	
Displacement (lt)	4,5		Fuel consumption 100%	25,6	
Number of cylinders	4, in line		(lt/h) 75%	19,2	
Bore & Stroke	105 x 130		50%	13,2	
Compression ratio	18 : 1		Total lubrication system capacity (lt)13		
			Total coolant capacity (lt) 13.3		



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

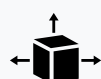
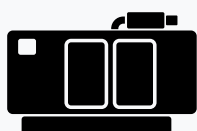
Brand	STAMFORD		Voltage regulation (+/-)	± 1%	
Frequency (hz)	60		Insulation system	Class H	
Design	4 pole, brushless		Protection	IP23	
phase	3		Rated power factor	0,8	

Brand	Voltage (V)	Stand by	Continuous	A.V.R.	Connection type	Weight (kg)
UCI274E	220	181,3	167,5	SX460	Parallel Star	492
UCI274E	380	160	140	SX460	Series Star	492
UCI274E	440	181,3	167,5	SX460	Series Star	492



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

1000x2600x1410



Weight (Kg)

1410



Fuel tank capacity (lt)

139

- 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

1000x2200x1410



Weight (Kg)

1213



Fuel tank capacity (lt)

139

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