



MG-SDS-0800

SDEC Series Diesel Generator Sets

Stand by	kVA	800
	kW	640

PRIME	kVA	725
	kW	580



SDEC



STAMFORD



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

- SDEC series heavy duty diesel engine
- 4 Cycle, Water Cooling system, TURBOCHARGED - INTERCOOLER 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	SC27G900D2		Governor type	Electronic	
Power	Stand by kW	662	Induction	TURBOCHARGED - INTERCOOLER	
	Prime kW	602			
Speed (rpm)	1500		Combustion System	Direct	
Cycle	4		Cooling system	Water	
Displacement (lt)	26,6		Fuel consumption 100%	149	
Number of cylinders	12 V		(lt/h) 75%	112	
Bore & Stroke	135 x 155		50%	77	
Compression ratio	16 : 1		Total lubrication system capacity (lt)62		
			Total coolant capacity (lt) 110		



Alternator Specifications

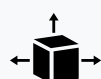
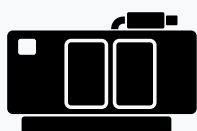
- Brushless, single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class
- Self exciter
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- The alternator windings are protected by insulating varnish against oil and acid

Brand	STAMFORD	phase	3
Model	HCI634G	A.V.R.	MX321
Frequency (hz)	50	Voltage regulation (+/-)	± 1%
Power (KVA)	860	Insulation system	Class H
Design	4 pole, brushless	Protection	IP23
Connection type	Star	Rated power factor	0,8
Voltage (V)	400	Weight (kg)	1965



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

1816x4200x2806 *



Weight (Kg)

5743



Fuel tank capacity (lt)

1263

- 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

1700x3750x2350



Weight (Kg)

4915



Fuel tank capacity (lt)

1263

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

Canopy options

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

Optional Equipments

- Charge ammeter
- Moulded case circuit braker (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 seperator filter
- PMG warning system