



MG-RCS-0050

KOFO Series Diesel Generator Sets

Stand by	kVA	50
	kW	40

PRIME	kVA	45
	kW	36



KOFO



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

- KOFO series heavy duty diesel engine
- 4 Cycle, Water Cooling system, TURBOCHARGED 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	N4100ZDS		Governor type	Electronic
Power	Stand by kW	47	Induction	TURBOCHARGED
	Prime kW	42	Combustion System	Direct
Speed (rpm)	1500		Cooling system	Water
Cycle	4		Fuel consumption 100%	12,4
Displacement (lt)	3,61		(lt/h) 75%	9,3
Number of cylinders	4, in line		50%	6,2
Bore & Stroke	100 x 115		Total lubrication system capacity (lt)	13
Compression ratio	19 : 1		Total coolant capacity (lt)	13



Alternator Specifications

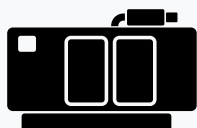
- Brushless, single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class
- Self exciter
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- The alternator windings are protected by insulating varnish against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

Brand	STAMFORD	phase	3
Model	S1L2-N	A.V.R.	AS540
Frequency (hz)	50	Voltage regulation (+/-)	± 1%
Power (KVA)	49,5	Insulation system	Class H
Design	4 pole, brushless	Protection	IP23
Connection type	Star	Rated power factor	0,8
Voltage (V)	400	Weight (kg)	194



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 1000x2300x1545



Weight (Kg) 921



Fuel tank capacity (lt) 101

- 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 1000x1900x1495



Weight (Kg) 711



Fuel tank capacity (lt) 101

Silencer options

- Standard industrial type
- Critical type
- Hospital type

Canopy options

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

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 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