



MG-IVS-0123/6

FPT - IVECO Series Diesel Generator Sets

Stand by	kVA	123
	kW	98,4

PRIME	kVA	113
	kW	90,4



FPT - IVECO



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

- FPT - IVECO series heavy duty diesel engine
- 4 Cycle, Water Cooling system, TURBOCHARGED - AFTERCOOLER Induction
- Mechanic 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	NEF45TM2A.S500	
Power	Stand by kW	107
	Prime kW	97
Speed (rpm)	1800	
Cycle	4	
Displacement (lt)	4,5	
Number of cylinders	4, in line	
Bore & Stroke	104 x 132	
Compression ratio	17,5:1	

Governor type	Mechanic	
Induction	TURBOCHARGED - AFTERCOOLER	
Combustion System	Direct	
Cooling system	Water	
Fuel consumption (lt/h)	100%	26,3
	75%	19,6
	50%	13,5
Total lubrication system capacity (lt)	12,8	
Total coolant capacity (lt)	18,5	



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)
UCI274C	220	127,5	117,5	SX460	Parallel Star	406
UCI274D	380	130	120	SX460	Series Star	431
UCI274C	440	127,5	117,5	SX460	Series Star	406



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

1100 x 3100 x 1690



Weight (Kg)

1735,3



Fuel tank capacity (lt)

275

- 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

1100x2600x1690



Weight (Kg)

1482



Fuel tank capacity (lt)

275

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