



MG-IVE-0190

FPT - IVECO Series Diesel Generator Sets

Stand by	kVA	190
	kW	152

PRIME	kVA	170
	kW	136



FPT - IVECO



EMSA



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

- 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 NEF67TM4A.S500

Power	Stand by kW	165
	Prime kW	149,7

Speed (rpm) 1500

Cycle 4

Displacement (lt) 6,7

Number of cylinders 6, 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 100% 36,6

(lt/h) 75% 29,4

50% 18

Total lubrication system capacity (lt) 17,2

Total coolant capacity (lt) 25,5



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 EMSA

Model EGK280-165N

Frequency (hz) 50

Power (KVA) 200

Design 4 pole, brushless

Connection type Star

Voltage (V) 400

phase 3

A.V.R. SX460

Voltage regulation (+/-) ± 1%

Insulation system Class H

Protection IP23

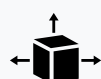
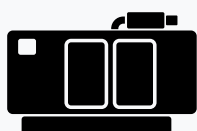
Rated power factor 0,8

Weight (kg) 580



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

1100x3220x1845



Weight (Kg)

1798



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

1100x2550x1640



Weight (Kg)

1492



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