



## MG-IVE-0385

FPT - IVECO Series Diesel Generator Sets

|          |     |     |
|----------|-----|-----|
| Stand by | kVA | 385 |
|          | kW  | 308 |

|       |     |     |
|-------|-----|-----|
| PRIME | kVA | 350 |
|       | kW  | 280 |



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
- 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               | CURSOR13TE2A.S551 |     |
| Power               | Stand by kW       | 360 |
|                     | Prime kW          | 327 |
| Speed (rpm)         | 1800              |     |
| Cycle               | 4                 |     |
| Displacement (lt)   | 12,9              |     |
| Number of cylinders | 6, in line        |     |
| Bore & Stroke       | 135 x 150         |     |
| Compression ratio   | 16,5 : 1          |     |

|  |                            |      |
|--|----------------------------|------|
| Governor type                          | Electronic                 |      |
| Induction                              | TURBOCHARGED - AFTERCOOLER |      |
| Combustion System                      | Direct                     |      |
| Cooling system                         | Water                      |      |
| Fuel consumption (lt/h)                | 100%                       | 76,1 |
|  | 75%                        | 67,4 |
|  | 50%                        | 42   |
| Total lubrication system capacity (lt) | 35                         |      |
| Total coolant capacity (lt)            | 68                         |      |



## 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

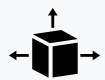
|                 |                   |  |
|-----------------|-------------------|--|
| Brand           | EMSA              |  |
| Model           | EGK315-290N       |  |
| Frequency (hz)  | 50                |  |
| Power (KVA)     | 400               |  |
| Design          | 4 pole, brushless |  |
| Connection type | Star              |  |
| Voltage (V)     | 400               |  |

|                          |         |  |
|--------------------------|---------|--|
| phase                    | 3       |  |
| A.V.R.                   | SX440   |  |
| Voltage regulation (+/-) | ± 1%    |  |
| Insulation system        | Class H |  |
| Protection               | IP23    |  |
| Rated power factor       | 0,8     |  |
| Weight (kg)              | 1190    |  |



## 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 1400x3750x2646 \*



Weight (Kg) 3474



Fuel tank capacity (lt) 812

- 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 1400x3175x2100



Weight (Kg) 2934



Fuel tank capacity (lt) 812

### Silencer options

- Standard industrial type
- Critical type
- Hospital type

### Canopy options

- Standard canopy
- Super silent canopy
- Extra süper silent canopy (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 breaker (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 separator filter
- PMG warning system