

## MGT- IVS-1100

FPT - IVECO Series Twin Diesel Generator Sets

|          |     |      |
|----------|-----|------|
| Stand by | kVA | 1100 |
|          | kW  | 880  |

|       |     |      |
|-------|-----|------|
| PRIME | kVA | 1000 |
|       | kW  | 800  |



FPT - IVECO



Stamford



Datakom D700



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               | CURSOR13TE7W |     |
| Power               | Stand by kW  | 459 |
|                     | Prime kW     | 440 |
| Speed (rpm)         | 1500         |     |
| Cycle               | 4            |     |
| Displacement (lt)   | 12,9         |     |
| Number of cylinders | 6, in line   |     |
| Bore & Stroke       | 135X150      |     |
| Compression ratio   | 16,5:1       |     |

|                                        |                            |       |
|----------------------------------------|----------------------------|-------|
| Governor type                          | Electronic                 |       |
| Induction                              | TURBOCHARGED - AFTERCOOLER |       |
| Combustion System                      | Direct                     |       |
| Cooling system                         | Water                      |       |
| Fuel consumption (lt/h)                | 100%                       | 100,6 |
|                                        | 75%                        | 80,2  |
|                                        | 50%                        | 51,5  |
| Total lubrication system capacity (lt) | 35                         |       |
| Total coolant capacity (lt)            | 38,1                       |       |



## 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

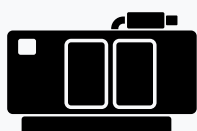
|                 |                   |  |
|-----------------|-------------------|--|
| Brand           | Stamford          |  |
| Model           | HCI544D           |  |
| Frequency (hz)  | 50                |  |
| Power (KVA)     | 590               |  |
| Design          | 4 pole, brushless |  |
| Connection type | Star              |  |
| Voltage (V)     | 400               |  |

|                          |         |  |
|--------------------------|---------|--|
| phase                    | 3       |  |
| A.V.R.                   | AS440   |  |
| Voltage regulation (+/-) | ± 1%    |  |
| Insulation system        | Class H |  |
| Protection               | IP23    |  |
| Rated power factor       | 0,8     |  |
| Weight (kg)              | 1393    |  |



## 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<br>(W x L x H) mm | N/A  |
|   | Weight (Kg)                  | N/A  |
|  | Fuel tank capacity (lt)      | 1760 |

- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window
- Insulation details: Non-flammable acoustic foam
- Nano tech cleaning system
- Container optional



|                                                                                    |                              |      |
|------------------------------------------------------------------------------------|------------------------------|------|
|   | Dimensions<br>(W x L x H) mm | N/A  |
|   | Weight (Kg)                  | N/A  |
|  | Fuel tank capacity (lt)      | 1760 |

## 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

## 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

## Canopy options

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

- Over current load
- High & low genset voltage
- Start/stop failure

- 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