

## 0825 kVA - 1000 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### 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 ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IEC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

| MODEL                                  |                                 |                  |     | N MT XX 0825     | N MT XX 0880   | N MT XX 1000   |                |
|--|---------------------------------|------------------|-----|------------------|----------------|----------------|----------------|
| GROUP                                  | GEN-SET POWER                   | STAND BY         | kVA | 825              | 880            | 1.000          |                |
|  |                                 |                  | kW  | 660              | 704            | 800            |                |
|  |                                 | PRIME            | kVA | 750              | 800            | 910            |                |
|  |                                 |                  | kW  | 600              | 640            | 728            |                |
|  | CANOPY DIMENSION (W x L x H) mm |                  |     |                  | 5800×1800×2550 | 5800×1800×2550 | 6058×2438×2591 |
|  | CANOPY WEIGHT kg                |                  |     |                  | 10000          | 10000          | 12000          |
|  | OPEN DIMENSION (W x L x H) mm   |                  |     |                  | 4200×1650×2280 | 4200×1650×2280 | 4500×2000×2300 |
|  | OPEN WEIGHT                     |                  |     |                  | 7000           | 7000           | 7850           |
| ENGINE                                 | BRAND                           |                  |     | MTU              | MTU            | MTU            |                |
|  | TYPE                            |                  |     | 12V2000G65       | 12V2000G65     | 16V2000G25     |                |
|  | POWER                           | STAND BY         | kW  | 765              | 765            | 890            |                |
|  |                                 | PRIME            | kW  | 688,5            | 688,5          | 801            |                |
|  | SPEED (rpm)                     |                  |     | 1500             | 1500           | 1500           |                |
|  | CYCLE                           |                  |     | 4                | 4              | 4              |                |
|  | DISPLACEMENT (lt)               |                  |     | 23,88            | 23,88          | 31,84          |                |
|  | NUMBER OF CYLNDERS              |                  |     | 12               | 12             | 16             |                |
|  | BORE x STROKE (mm x mm)         |                  |     | 130*150          | 130*150        | 130*150        |                |
|  | COMPRESSION RATIO               |                  |     | 16.0             | 16.0           | 16.0           |                |
|  | GOVERNOR TYPE                   |                  |     | ELECTRONIC       |                |                |                |
|  | INDUCTION                       |                  |     | TURBO CHARGED    |                |                |                |
|  | COMBUSTION SYSTEM               |                  |     | DIRECT INJECTION |                |                |                |
|  | COOLING SYSTEM                  |                  |     | WATER            |                |                |                |
|  | FUEL CONSUMPTION<br>lt / h      | %100 PRIME POWER |     | 202              | 202            | 198            |                |
|  |                                 | %75 PRIME POWER  |     | 203              | 203            | 199            |                |
|  |                                 | %50 PRIME POWER  |     | 210              | 210            | 203            |                |
| TOTAL LUBRICATION SYSTEM CAPACITY (lt) |                                 |                  | 77  | 77               | 102            |                |                |
| TOTAL COOLANT CAPACITY (lt)            |                                 |                  | 164 | 164              | 200            |                |                |
| FUEL TANK CAPACITY (lt)                |                                 |                  |     | 350              | 450            |                |                |

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