

## 0200 kVA - 0250 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 60335-1:2004



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 OP XX 0200     | N OP XX 0225   | N OP XX 0250   |
|--------|----------------------------------------|------------------|-----|------------------|----------------|----------------|
| GROUP  | GEN-SET POWER                          | STAND BY         | kVA | 200              | 225            | 250            |
|        |                                        |                  | kW  | 144,0            | 160,0          | 180,0          |
|        |                                        | PRIME            | kVA | 165,0            | 180,0          | 200,0          |
|        |                                        |                  | kW  | 132,0            | 144,0          | 160,0          |
|        | CANOPY DIMENSION (W x L x H) mm        |                  |     | 1050x3100x2100   | 1050x3100x2100 | 1050x3100x2100 |
|        | CANOPY WEIGHT kg                       |                  |     | 1700             | 1880           | 2080           |
|        | OPEN DIMENSION (W x L x H) mm          |                  |     | 1050x2750x1950   | 1050x2750x1950 | 1050x2750x1950 |
|        | OPEN WEIGHT                            |                  |     | 1550             | 1630           | 1800           |
| ENGINE | BRAND                                  |                  |     | OPTIMUS          | OPTIMUS        | OPTIMUS        |
|        | TYPE                                   |                  |     | OPE 7.7 TWE      | OPE 7.5 TWE-1  | OPE 7.5 TWE-2  |
|        | POWER                                  | STAND BY         | kW  | N/A              | N/A            | N/A            |
|        |                                        | PRIME            | kW  | N/A              | N/A            | N/A            |
|        | SPEED (rpm)                            |                  |     | 1500             | 1500           | 1500           |
|        | CYCLE                                  |                  |     | 4                | 4              | 4              |
|        | DISPLACEMENT (lt)                      |                  |     | 7,69             | 7,52           | 7,52           |
|        | NUMBER OF CYLNDERS                     |                  |     | 6                | 6              | 6              |
|        | BORE x STROKE (mm x mm)                |                  |     | 110/135          | 113/125        | 113/130        |
|        | COMPRESSION RATIO                      |                  |     | 16:1             | 17:1           | 17:1           |
|        | GOVERNOR TYPE                          |                  |     | ELECTRONIC       |                |                |
|        | INDUCTION                              |                  |     | TURBOCHARGED     |                |                |
|        | COMBUSTION SYSTEM                      |                  |     | DIRECT INJECTION |                |                |
|        | COOLING SYSTEM                         |                  |     | WATER            |                |                |
|        | FUEL CONSUMPTION<br>lt / h             | %100 PRIME POWER |     | 38               | 39,8           | 47             |
|        |                                        | %75 PRIME POWER  |     | 29               | 30             | 41             |
|        |                                        | %50 PRIME POWER  |     | 18               | 19,1           | 35             |
|        | TOTAL LUBRICATION SYSTEM CAPACITY (lt) |                  |     | 15               | 16             | 16             |
|        | TOTAL COOLANT CAPACITY (lt)            |                  |     | 25               | 30             | 25             |
|        | FUEL TANK CAPACITY (lt)                |                  |     | 198              | 198            | 198            |

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