

25 kVA - 44 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 RC XX 0025 | N RC XX 0032 | N RC XX 0044 |
|-----------------------------|--|------------------|-----|--------------------|--------------------|--------------------|
| GROUP | GEN-SET POWER | STAND BY | kVA | 25 | 32 | 44 |
| | | | kW | 20 | 26 | 35 |
| | | PRIME | kVA | 23 | 30 | 50 |
| | | | kW | 18 | 24 | 40 |
| | CANOPY DIMENSION (W x L x H) mm | | | 2350 x 1000 x 1250 | 2350 x 1000 x 1250 | 2650 x 1000 x 1350 |
| | CANOPY WEIGHT kg | | | 1050 | 1160 | 1230 |
| | OPEN DIMENSION (W x L x H) mm | | | 2000 x 1000 x 1200 | 2000 x 1000 x 1200 | 2200 x 1000 x 1350 |
| | OPEN WEIGHT | | | 750 | 850 | 920 |
| ENGINE | BRAND | | | RICARDO | RICARDO | RICARDO |
| | TYPE | | | 490D | K4102D | ZH4100ZD |
| | 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) | | | 3,61 | 3,61 | 3,61 |
| | NUMBER OF CYLNDERS | | | 4 IN LINE | 4 IN LINE | 4 IN LINE |
| | BORE x STROKE (mm x mm) | | | 100 x 115 | 100 x 115 | 100 x 115 |
| | COMPRESSION RATIO | | | 17:1 | 17:1 | 17:1 |
| | GOVERNOR TYPE | | | ELECTRONIC | | |
| | INDUCTION | | | NATURAL | TURBOCHARGED | |
| | COMBUSTION SYSTEM | | | DIRECT INJECTION | | |
| | COOLING SYSTEM | | | WATER | | |
| | FUEL CONSUMPTION lt / h | %100 PRIME POWER | | 8,56 | 10,2 | 12 |
| | | %75 PRIME POWER | | 6,42 | 8 | 10 |
| | | %50 PRIME POWER | | 4,28 | 4,9 | 5,2 |
| | TOTAL LUBRICATION SYSTEM CAPACITY (lt) | | | 13 | 13 | 13 |
| TOTAL COOLANT CAPACITY (lt) | | | 17 | 17 | 17 | |
| FUEL TANK CAPACITY (lt) | | | 112 | 126,4 | 126,4 | |

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