

2264 kVA - 2500 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 PR XX 2264 | N PR XX 2500 |
|--|------------------------------------|------------------|-------|--|--|
| GROUP | GEN-SET POWER | STAND BY | kVA | 2264 | 2500 |
| | | | kW | 1811,2 | 2000 |
| | | PRIME | kVA | 2058 | 2250 |
| | | | kW | 1646,4 | 1800 |
| | CANOPY DIMENSION (W x L x H) mm | | | N/A | N/A |
| | CANOPY WEIGHT kg | | | N/A | N/A |
| | OPEN DIMENSION (W x L x H) mm | | | 2200 x 6000 x 3140 | 2200 x 6000 x 3140 |
| | OPEN WEIGHT | | | 10800 | 11190 |
| | CONTAINER DIMENSION (W x L x H) mm | | | N/A | N/A |
| | CONTAINER WEIGHT kg | | | N/A | N/A |
| ENGINE | BRAND | | | PERKINS | PERKINS |
| | TYPE | | | 4016TAG2A | 4016 - 61TRG3 |
| | POWER | STAND BY | kW | 1886 | 2083 |
| | | PRIME | kW | 1715 | 1875 |
| | SPEED (rpm) | | | 1500 | 1500 |
| | CYCLE | | | 4 | 4 |
| | DISPLACEMENT (lt) | | | 61,123 | 61,123 |
| | NUMBER OF CYLNDERS | | | 16 - 60° V | 16 - 60° V |
| | BORE x STROKE (mm x mm) | | | 160 x 190 | 160 x 190 |
| | COMPRESSION RATIO | | | 13,6 : 1 | 13,6:1 |
| | GOVERNOR TYPE | | | ELECTRONIC | |
| | INDUCTION | | | TURBOCHARGED - AIR TO AIR CHARGE COOLED | TURBOCHARGED - AIR TO WATER CHARGE COOLED |
| | COMBUSTION SYSTEM | | | DIRECT INJECTION | |
| | COOLING SYSTEM | | | WATER | |
| | FUEL CONSUMPTION lt / h | %100 PRIME POWER | | 434,00 | 470,00 |
| | | %75 PRIME POWER | | 327,00 | 344,00 |
| | | %50 PRIME POWER | | 222,00 | 234,00 |
| TOTAL LUBRICATION SYSTEM CAPACITY (lt) | | | 237,2 | 237,2 | |
| TOTAL COOLANT CAPACITY (lt) | | | 316 | 270 | |
| FUEL TANK CAPACITY (lt) | | | 3500 | 4000 | |

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