

GNT 70

| Speed rpm | Frequency Hz | Type of Operation | Genset Power | | Engine Power (Net) | |
|-----------|--------------|-------------------|--------------|------|--------------------|----|
| | | | kVA | kW | kW | hp |
| 1500 | 50 | Prime Power | 64 | 51,2 | 56 | 76 |
| | | Stand-by Power | 70 | 56 | 62 | 84 |

STANDARD SPECIFICATIONS

Engine

- INTER Heavy duty diesel engine
- Revolution: 1500 rpm
- Water cooled
- Tropical type radiator

Alternator

- VDE 0530 & IEC 34-1 standardizations
- Synchron type brushless
- Automatic voltage regulation (AVR)
- Overload acceptance: 110% for 1 hour, 150% for 2 minutes
- Short circuit resistance: 300 for 10 seconds
- Insulation class: H
- Insulation resistance: 1800 VAC
- Voltage: 230/400 V three phase
- Voltage regulation: $\pm 0,5\%$
- Protection class: IP23
- Power factor (cos ϕ) : 0,8
- Frequency: 50 Hz

Manuel Control Panel

- Microprocessed Electronic Control Panel
- Relays
- Protection fuses
- Thermic magnetic circuit breaker (TMS) 3-pole
- Emergency stop button

Automatic Control Panel

- Microprocessed AMF Electronic Control Panel
- Protection fuses
- Battery charger
- Power Transfer (For ATS)
- Emergency stop button

Chassis

- Mounted on the steel base chassis
- Elastic vibration dampers between engine and chassis
- Chassis integrated fuel tank
- Dial type mechanical fuel indicator

Canopy

- Easy lifting and moving
- Metal parts are coated with electrostatic polyester coated, powder painted
- Thermally insulated exhaust system
- Acoustic insulation with rot*proof, moisture-repellent and non-flammable material (per DIN 4102 A2)



ENGINE

| | |
|----------------------|-------------------|
| Make | INTER |
| Model | IDE 451NG |
| Number of Cylinder | 4 |
| Cylinder Arrangement | Vertical In-Line |
| Combustion System | Naturally |
| Fuel Consumption | Direct Injection |
| Compression Ratio | 17,5:1 |
| Cylinder Bore/Stroke | mm 108 x 135 |
| Displacement | lt 5,1 |
| Cooling System | Water Cooled |
| Governor Type | Mechanic Governor |
| Electric System | 12 VDC |

| | |
|------------------------------|-----------|
| Fuel Consumption %50 Loaded | lt/h 7,7 |
| Fuel Consumption %75 Loaded | lt/h 11,5 |
| Fuel Consumption %100 Loaded | lt/h 15 |
| Fuel Tank Capacity w(canopy) | lt 283 |
| w/o (canopy) | lt (197) |

DIMENSIONS

| | |
|--------------------------------|----------------|
| Width w (Canopy) w/o (Canopy) | mm 800 (1060) |
| Length w (Canopy) w/o (Canopy) | mm 2020 (2650) |
| Height w (Canopy) w/o (Canopy) | mm 1560 (1600) |
| Weight w (Canopy) w/o (Canopy) | kg 1055 (1378) |

TECHNICAL SPECIFICATIONS