GNT SERIES

GNT 11 & 13



231/400V - 50Hz & 277/480V - 60Hz





Features and Benefits

- Half Century Experience in Generator Manufacturing
- Diesel Engines with Advanced Technology and Quality
- Alternators with Advanced Technology and Quality
- Control Panel Suitable for Flexible Application
- High Quality and Reliable Technology
- Patented Compact Designed and Soundproof Canopy
- Suitable for Heavy-Duty
- Durability
- Wide Range of Affordable Spare Parts

- Low Noise Level
- Low Exhaust Emission
- Low Operating Cost
- Low Fuel Consumption
- Low Oil Consumption
- Tropical 50°C Radiator
- Tropical co o radiator
- Fuel Filter with Water and Particle Separator
- First Class Product Support
- Global Technical Service and Maintenance Support

| Generator General Information | | | | | | | | | | | | | | |
|-------------------------------|-----------|---------|--------------|-------|-------------|---------------|--------|----------------------|----------|--------|---------------------------------|---------------------|--------------------|----------------------|
| Generator | Frequency | Voltage | Power Factor | Speed | | Diesel Engine | | | Alternat | or | Type of | Gen | erator Ou | tput |
| Model | Hz | V | CosQ | rpm | Brand | Model | Series | Brand | Model | Series | Operation | kVA | kW | Α |
| GNT 11 | 50 | 231/400 | 0,8 | 1500 | I N T | M13D | BII | G E N G | G N | 160S | Stand By Prime Continuous | 11,0 10,0 7,0 | 8,8 8,0 5,6 | 15,9 14,5 10,1 |
| GNT 13 | 60 | 277/480 | 0,8 | 1800 | E R | MITOD | | O W E R | P | 160S | Stand By Prime Continuous | 13,0 11,8 8,3 | 10,4 9,5 6,6 | 18,8 17,1 12,0 |

INTER Diesel Engine Technical Parameters and Matching Parameters

Diesel Engine Main Technical Parameters

| General | | |
|--|------------|--------------------------------|
| Number of Cylinders | | 4 |
| Configuration | | Vertical, In Line |
| Aspiration | | Naturally |
| Combustion System | | Direct Injection |
| Compression Ratio | | 19.1:1 |
| Bore | mm | 85 |
| Stroke | mm | 100 |
| Displacement | L | 2,27 |
| Governing Type | | Mechanic |
| Governing Class | | G2 |
| Rotation | | Counterclockwise |
| Firing Order | | 1-3-4-2 |
| Emission | | Tier II |
| Moments of Rotation Inertia | | |
| Engine | kg • m² | 0,44 |
| Flywheel | kg • m² | 2,55 |
| Performance Rating | | |
| Speed Droop | % | ≤3 |
| Steady State Speed Band | % | ≤0,5 |
| Test Conditions | | |
| Ambient Temperature | % | 25 |
| Atmospheric Pressure | kPa | 100 |
| Relative Humidity | RH (%) | 30 |
| Max. Operating Intake Resistance | kPa | 5 |
| Exhaust Backpressure Limit | kPa | 5 |
| Fuel Temperature (Fuel Inlet Pump) | °C | 38 ± 2 |
| Filters | | |
| Air Filter | | Dry Type, Replaceable |
| Fuel Filter | | With Water Seperator |
| Oil Filter | | Element Type, Particulate Trap |
| Flywhell Housing and Flex Coupling | | |
| Flywheel Housing | SAE (J620) | 4 |
| Flex Coupling Disc | Inch (") | 7,5 |
| Overall Dimensions | | |
| Length * | mm | 1087 |
| Width | mm | 597 |
| Height | mm | 749 |
| Dry Weight | Kg | 275 |
| * From front end of radiator to rear end of air filter | | |

| Cooling System | | |
|--|------------|----------|
| Radiator Type | 50°C | Tropical |
| Total Coolant Capacity | L | 13 |
| Max. Perm. Coolant Outlet Temperature | °C | 103 |
| Max. Perm. Flow Resis. (Cool. System And Piping) | bar | 0,5 |
| Max.Temperature of Coolant Warning | °C | 95 |
| Max. Temperature of Coolant Shutdown | °C | 98 |
| Thermostat Operation Temperature - Initial Open | °C | 68 |
| Thermostat Operation Temperature - Full Open | °C | 72 |
| Delivery of Coolant Pump | m ³/ h | 1,60 |
| Min. Pressure Before Coolant Pump | bar | 0,15 |
| Radiator Face Area | m² | 0,21 |
| Rows | Row | 2 |
| Matrix Density | Per / Inch | 15,5 |
| Material | | Aluminum |
| Width of Matrix | mm | 438 |
| Height of Matrix | mm | 480 |
| Pressure Cap Setting | kPa | 90 |
| Estimated Cooling Air Flow Reserve | kPa | 0,125 |
| Engine Pre Heater Tube (with Circulation Pump) | W | 1500 |
| Lubrication System | | |
| Total System | L | 8 |
| Minimum Oil Level | L | 7 |
| Nominal Motor Operating Temperature | °C | 40 |
| Lubricating Oil Pressure (Rated Speed) | bar | 5 |
| Relief Valve Opens | kPa | 352 |
| Oil / Fuel Consumption Ratio | % | ≤0,3 |
| Normal Oil Temperature | °C | 110 |
| Electrical System | | |
| Voltage | V | 12 |
| Starter | kW | 3,2 |
| Alternator Output Ampers | Α | 25 |
| Alternator Output Voltage | V | 14 |
| Batteries Capacity | Ah | 55 |
| Fan | | |
| Diameter | mm | 410 |
| Drive Ratio | | 1,61:1 |
| Number of Blades | | 7 |
| Material | | Plastic |
| Туре | | Blowing |
| | | |



GNT 11 & 13



231/400V - 50Hz & 277/480V - 60Hz

Diesel Engine Matching Parameters

| 50 Hz @ 1500 r/min | | Stand By | Prime |
|--|-----------|----------|-------|
| Gross Engine Power | kW | 13,0 | 11,5 |
| Net Engine Power | kW | 11,0 | 10,0 |
| Fan Power Consumption (Belt Pulley Driven) | kW | 1,5 | 1,5 |
| Other Power Loss | kW | 0,5 | 0,5 |
| Mean Effective Pressure | MPa | 0,46 | 0,41 |
| Intake Air Flow | m 3 / min | 1,25 | 1,25 |
| Exhaust Temperature Limit | °C | 300 | 300 |
| Exhaust Flow | m 3 / min | 1,30 | 1,15 |
| Boost Pressure Ratio | | 2,18 | 1,98 |
| Mean Piston Speed | m/s | 5,0 | 5,0 |
| Cooling Fan Air Flow | m 3 / min | 46,6 | 46,6 |
| Typical Generator Output Power | kVA | 12 | 11 |
| Heat Rejection | | | |
| Energy in Fuel (Heat of Combustion) | kW | 36,9 | 33,2 |
| Gross Heat to Power | kW | 13,0 | 11,5 |
| Energy to Coolant and Lubricating Oil | kW | 11,8 | 10,7 |
| Heat Dissipation Capacity* | kW | - | - |
| Energy to Exhaust | kW | 9,7 | 8,8 |
| Heat to Radiation | kW | 2,4 | 2,2 |
| *Intake Intercooled System | | | |

| 60 Hz @ 1800 r/min | | Stand By | Prime |
|--|-----------|----------|-------|
| Gross Engine Power | kW | 15,6 | 14,2 |
| Net Engine Power | kW | 13,3 | 12,4 |
| Fan Power Consumption (Belt Pulley Driven) | kW | 1,8 | 1,8 |
| Other Power Loss | kW | 0,5 | 0,5 |
| Mean Effective Pressure | MPa | 0,46 | 0,42 |
| Intake Air Flow | m 3 / min | 1,50 | 1,50 |
| Exhaust Temperature Limit | °C | 360 | 360 |
| Exhaust Flow | m 3 / min | 1,57 | 1,42 |
| Boost Pressure Ratio | | 2,60 | 2,51 |
| Mean Piston Speed | m/s | 6,0 | 6,0 |
| Cooling Fan Air Flow | m 3 / min | 55,9 | 55,9 |
| Typical Generator Output Power | kVA | 14 | 13 |
| Heat Rejection | | | |
| Energy in Fuel (Heat of Combustion) | kW | 44,0 | 38,9 |
| Gross Heat to Power | kW | 15,6 | 12,4 |
| Energy to Coolant and Lubricating Oil | kW | 14,2 | 13,2 |
| Heat Dissipation Capacity* | kW | - | - |
| Energy to Exhaust | kW | 11,6 | 10,9 |
| Heat to Radiation | kW | 2,6 | 2,5 |
| *Intake Intercooled System | | | |

GENPOWER Alternator Technical Parameters and Specifications

Alternator Technical Parameters

| Insulation Class | | Н |
|------------------|--------|--------------|
| Winding Pitch | | 2/3 - (N° 6) |
| Wires | | 12 |
| Protection | | IP 23 |
| Altitude | m | 1000 |
| Overspeed | rpm | 2250 |
| Air Flow | m³/sec | 0.071 |
| Bearing Drive | N/A | - |
| Rotor Winding | 100% | Copper |
| | | |

| Field Control System | | Self Excited |
|---------------------------------|----------|--------------|
| A.V.R. Model | Standard | SX460 |
| Voltage Regulation | % | ± 1 |
| Sustained Short-Circuit Current | 10 sec | 300% (3 IN) |
| Total Harmonic (*) TGH / THC | % | < 5 |
| Wave Form :NEMA = TIF - (*) | | < 50 |
| Wave Form :I.E.C. = THF - (*) | % | < 2 |
| Bearing Non - Drive | Bearing | 6306-2RZ |
| Stator Winding | 100% | Copper |
| | | |

(*) Total harmonic content line to line, at no load or full rated linear and balanced load

Genpower sychron alternators are produced according to TSE 60034-1; IEC 60034-22; GB755; BS4999-5000; NEMA MG 1.22 standards

Alternator Specifications

| | 50 Hz - 231/400V - Cos Q 0,8 - 1500 rpm | | | | | | | | | | | |
|---|---|---------|---------|-------------|---------|---------|------------|---------|---------|--|--|--|
| Standard Using Alternator Optional Using Alternator | | | | | | | | | | | | |
| Brand/Model | Genpower | 160S | | Leroy Somer | TAL040B | | Stamford | S0L1H | | | | |
| Duty | | | Contir | nuous | | | Star | nd By | | | | |
| Ambient | C° | | 40° | °C | | | 27 | 7°C | | | | |
| Class/Temp. Rise | C° | | H / 12 | 25° K | | | H / 163° K | | | | | |
| Series Star (V) | V | 380/220 | 400/231 | 415/240 | 1 Phase | 380/220 | 400/231 | 415/240 | 1 Phase | | | |
| Parallel Star (V) | V | 190/110 | 200/115 | 208/120 | 220 | 190/110 | 200/115 | 208/120 | 220 | | | |
| Series Delta (V) | V | 220 | 230 | 240 | 230 | 220 | 230 | 240 | 230 | | | |
| Output Power | kVA | 10,0 | 10,0 | 11,0 | 6,6 | 11,0 | 11,0 | 12,0 | 7,5 | | | |
| Output Power | kW | 8,0 | 8,0 | 8,8 | 5,3 | 8,8 | 8,8 | 9,6 | 6,0 | | | |

| | 60 Hz - 277/480V - Cos Q 0,8 - 1800 rpm | | | | | | | | | | | |
|---|---|---------|---------|-------------|---------|---------|----------|-----------------|---------|--|--|--|
| Standard Using Alternator Optional Using Alternator | | | | | | | | | | | | |
| Brand/Model | Genpower | 160S | | Leroy Somer | TAL040B | | Stamford | PI044E - S0L1-H | | | | |
| Duty | | | Contin | nuous | | | Star | nd By | | | | |
| Ambient | C° | | 40° | °C | | | 27 | 7°C | | | | |
| Class/Temp. Rise | C° | | H / 12 | 25° K | | | H / 1 | 63° K | | | | |
| Series Star (V) | V | 416/240 | 440/254 | 480/277 | 1 Phase | 416/240 | 440/254 | 480/277 | 1 Phase | | | |
| Parallel Star (V) | V | 208/120 | 220/127 | 240/138 | - | 208/120 | 220/127 | 240/138 | - | | | |
| Series Delta (V) | V | 240 | 254 | 277 | 240 | 240 | 254 | 277 | 240 | | | |
| Output Power | kVA | 12,0 | 13,0 | 13,0 | 8,6 | 13,0 | 14,0 | 14,0 | 9,3 | | | |
| Output Power | kW | 9,6 | 10,4 | 10,4 | 6,9 | 10,4 | 11,2 | 11,2 | 7,4 | | | |





231/400V - 50Hz & 277/480V - 60Hz

Control Panel Specifications

Powder Painted Steel Pannel with Lockable Door ATS (Automatic Transfer Panel) - Optional Control Module

Battery Charge Emergency Stop Button Backlit, 128x64 Pixels

Control Relays Terminal Blocks Load Output Terminal

System Protection MCBs Circuit Breaker - Optional LCD Screen

Control Module Technical Parameters

Dimensions Weight Ambient Humidity DC Battery Supply Voltage Network Frequency Generator Voltage Measurement Current Transformer Secondary Charge Alternator Voltage Measurement Communication Interface

Generator Contactor Relay Output Solenoid Transistor Outputs Configurable-3 Transistor Outputs

GENPOWER/Fortrust JV 221mm x 152mmx56,8mm

800 ar. 90% max. 8 - 32 V 5 - 99,9 Hz 3 - 300 V 5A 8 - 32 V RS-232 5A & 250V 1A with DC Supply 1A with DC Supply Protection Class **Environmental Conditions** Ambient Temperature Battery Voltage Measurement Mains Voltage Measurement Generator Frequency Working Period Charge Alternator Excitation

Analog Sender Measurement Mains Contactor Relay Output Start Transistor Outputs Configurable-4 Transistor Outputs 6120 D Version IP65 From the Front 2000 Meters Above Sea Level -20 ° C to + 70 ° C

8 - 32 V 3 - 300 V Phase-Neutral, 5 - 99.9 Hz 5 - 99 9 Hz

Continuous 210mA & 12V, 105mA & 24V Nominal 2.5W 0 - 1300ohm 5A & 250V 1A with DC Supply

Control Module Functions

Mains Voltage Level Control Network Frequency Level Control Engine Operating Option Control Engine Stop Option Control Engine Speed (RPM) Level Control Battery Voltage Options Control Check Engine Maintenance Times Communication Interfaces GPRS, GSM

Voltage

Generator Voltage Level Control Generator Frequency Level Control Generator Current Level Control Generator Power Level Control

Generator Work Schedule and Timing Control Oil Pressure Controllers Control Configurable Analog Inputs and Outputs

Keeping Error Records of Past Events Configurable Programmable Digital Inputs and Outputs

Current and Frequency

3 phase Generator Protections

- High / Low Voltage - High / Low Frequency

- Current / Voltage Asymmetry

- Overcurrent / Overload

Overheat Control

1 Phase or 3 Phase, Phase Selection Parameter Setting via Control Module

Phase Sequence

3 phase AMF Function

1A with DC Supply

- High / Low Frequency

- High / Low Voltage

- High / Low Water Temperature

- High / Low Load

Mains, Generator ATS control Network, Voltage, Frequency Display Parameter Setting via Computer Hours of Operation

Farting

Alarm Horn

Heater Tube Thermostat Control Modbus and SNMP

Working Hour Ground Leakage Analog Modem

Ethernet, USB, RS232, RS485 Selectable Protection Alarm / Shutdown

Battery Voltage Oil Pressure

Control Module Alerts

Emergency Stop Malfunction High Generator Voltage Low Generator Frequency Low Load

Over Current Unbalanced Current Low Generator Voltage High Generator Frequency Phase Sequence Error Overload

Low Water Level (Optional) Low Oil Pressure

Best Sound Level (in dBA)

Generators - with Trailer

Low Water Temperature Heat Sensor Broken Reverse Power Start Error Stop Error Magnetic Pickup Error

Charge Alternator Error Unbalanced Load Maintenance Time Alarm Low Speed High Speed Broken Oil Sensor Cable

High Oil Temperature (Optional) Low Fuel Level (Optional) High Battery Voltage Low Battery Voltage High Water Temperature Electronic Canbus Errors (ECU)

Sound Proof Canopy and Base Frame (Chassis) Specifications

Special, Registered GENPOWER Design and Color A1 Quality DKP / HRU /Galvanized Steel Sensitive Twist on Automatic Press Brake Delicate Cut on Automatic Punch and Laser Bench Sensitive Welding on Robotic Welding Bench Chemical Cleaning Nano Technology Before Painting

Drying and Stabilizing on 200°C Ovens 1500 Hour Salt Test Glasswool Isolation, A1 Class Material -50/+500°C Special Covering Over Glass Wool

Robotic Painting with Electrostatic Powder Paint

Temperature Tests Cable Exit Connectors and Glands Emergency Stop Button Fuel Level Gauge Fuel Drain Cap

Fuel Inlet and Return Records Impermeability Test for Fuel Tank Vacummed Rubber Mounted High Quality Weatherstrips High Quality Shock Absorbers Fuel Filling Cap (with ventilation)

Lifting and Carrying Equipments Internal Exhaust Mufflers (Silencers) External Exhaust Mufflers (Silencers) Radiator Water Filling Cap Daily Fuel Tank External Fuel Tank

Special Products / Non - Standardized

Synchronised Systems Scada Systems Mobile Systems Light Towers

Ground Power Unit Generators

Trademark Registration Certificate

Medium Voltage - MV IP44-IP54 Class Generators Welding Machines Natural Gas Generator

DC Generators High Voltage - HV Power Plants Trigeneration Systems Biogas Generator

TSE 8528 - 4 Certificate

TSE 8528 - 5 Certificate

High Frequency Generators Variable Speed Generators Super Silent Canopy Cogeneration Systems LPG Generator

TS EN ISO 2409 Certificate

Dual Generators Automatic Voltage Stabilizers Electrical and Diesel Forklift HFO Generator EN ISO 8528-13.2016 Certificate

Marine Generators

Quality Documents & Certificates

Capacity Report (32400 Units / Year) Made in Turkey Certificate- For Generator/1-5000 kVA Made in Turkey Certificate-For Alternator/1-5000kVA Made in Turkey Certificate- For Engine/1-5000 kW Certificate of Competency for After Sales Services 2014/30/EU Electromagnetic Compatibility Directive CE Certificate - 2000/14/AT - 2000/14 EC (CE 2195)

Industrial Registry Certificate Certificate of Manufacturing Competence TSE- Service Adequacy Certificate ISO 9001 - 2015 Certificate ISO 14001 - 2015 Certificate OHSAS 18001 - 2007 Certificate 2006/42/EC Machinery Directive Coatchem- Türkak 1500 Hours Corrosion Durability Test Certificate

TSF 8528 - 8 Certificate AB-0547-T Certificate EAC - GOST Certificate/ Diesel Generator EAC - GOST Certificate/ Gasoline Generator CE Certificate - EN ISO 17050-1,2004

TS EN ISO 4628-3 Certificate TS EN ISO 4628-4 Certificate TS EN ISO 4628-5 Certificate TS EN ISO 4628-8 Certificate TS EN ISO 9227 Certificate TS 9620 EN ISO 4628-2 Certificate TS EN 60034 - 1 Certificate

EN ISO 12100:2010 Certificate EN ISO 13857:2008 Certificate EN ISO 14120:2015 Certificate EN 349:1993+A1:2008 Certificate EN 60204-1,2018 Certificate EN 61000-6-2,2019 Certificate EN 61000-6-4.2007/A1:2011 Certificate



231/400V - 50Hz & 277/480V - 60Hz

Generator Dimensions

Generator Technical Drawings

| Values | | Open Type Generator | Canopy Type Generator |
|--------------------|----|---------------------|-----------------------|
| Width | mm | 597 | 1000 |
| Length | mm | 1400 | 2000 |
| Height | mm | 1309 | 1190 |
| Weight (Net) | Kg | 522 | 650 |
| Fuel Tank Capacity | L | 58 | 100 |













Diesel Engine and Genset Rating Classifications

The below ratings represent the engine performance capabilities to conditions specified in TS ISO 8528/1, 8528-4, 8528-5, 8528-8. BS5000, ISO 3046/1:1986, NEMA MG-1.22.1, BS 5514/1.

ESP is applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. Under no condition is an engine allowed to operate in parallel with the public utility at the Stand By Power rating. This rating should be applied where reliable utility power is available. A Stand By rated engine should be sized for a maximum of an 70% average load factor and 200 hours of operation per year. This includes less than 25 hours per year at the Stand By Power rating. Stand By ratings should never be applied except in true emergency power outages. Negotiated power outages contracted with a utility company are not considered an emergency.

PRIME POWER RATING (PRP):

Applicable for supplying electric power in lieu of commercially purchased power. Prime Power applications must be in the form of one of the following two categories:

UNLIMITED TIME RUNNING PRIME POWER (ULTP):

PRP (Prime Power) is available for an unlimited number of hours per year in a variable load application. Variable load should not exceed a 70% average of the Prime Power rating during any operating period of 250 hours. The total operating time at 100% Prime Power shall not exceed 500 hours per year. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation. Total operating time at the 10% overload power shall not exceed 25 hours per year.

LIMITED TIME RUNNING PRIME POWER (LTP):

LTP (Limited Time Prime Power) is available for a limited number of hours in a nonvariable load application. It is intended for use in situations where power outages are contracted, such as in utility power curtailment. Engines may be operated in parallel to the public utility up to 750 hours per year at power levels never to exceed the Prime Power rating. The customer should be aware, however, that the life of any engine will be reduced by this constant high load operation. Any operation exceeding 750 hours per year at the Prime Power rating should use the Continuous Power rating.

CONTINUOUS POWER RATING (COP):

COP is the power that the engine can continue to use under the prescribed speed and the specified environment condition in the normal maintenance period stipulated in the manufacturing plant. And Continuous Power is applicable for supplying utility power at a constant 100% load for an unlimited number of hours per year. No overload capability is available for this rating.

PAY ATTENTION to the points below in picking and using the generator

- * Generators can work on Continuous Power at 70% of Prime power value if only all maintenances are done on time with original spare parts and high quality oils that manufacturer advice
- * Generators should not operate below 50% of Prime Power value. In such a case, the engine will burn excessive oil and eventually have irreparable damage
- If your need is 1000 kVA or above, you should prefer Synchronic Systems with 2-3 generators with failure back up and simultaneous aging
- * These points will provide advantage for you with purchasing and operating the generator.

INTER Diesel Engine Power Ratings - Fuel Consumption - Oil Recommendation and Oil Grades

| | INTER Diesel Engine Power Ratings | | | | | | | | | | |
|--------------|--|--------------------------------|------------------|-------|--------|-------|------|--|--|--|--|
| Engine Model | Engine Model MI3D Engine Family ID11 Engine Series | | | | | | BII | | | | |
| 0 | | Tunical Canara | tor Output (Not) | | Engine | Power | | | | | |
| Speed | Type of Operation | Typical Generator Output (Net) | | Gross | | Net | | | | | |
| ipiii | | kVA | kWe | kWm | Hp | kWm | Нр | | | | |
| 1500 | Stand By (Maximum) | 11,7 | 9,4 | 13,0 | 17,4 | 11,0 | 14,8 | | | | |
| 1500 | Prime | 10,6 | 8,5 | 11,5 | 15,4 | 10,0 | 13,4 | | | | |
| 1800 | Stand By (Maximum) | 14,1 | 11,3 | 15,6 | 20,9 | 13,3 | 17,9 | | | | |
| 1800 | Prime | 12,8 | 10,3 | 14,2 | 19,1 | 12,4 | 16,6 | | | | |

| Fuel Consumption | | | | | | | | | | |
|------------------------|-------|-------|----------|------|--|--|--|--|--|--|
| Percent of Brime newer | 1500 |) rpm | 1800 rpm | | | | | | | |
| Percent of Prime power | g/kWh | l/hr | g/kWh | l/hr | | | | | | |
| 110% | 245 | 3,2 | 245,0 | 3,9 | | | | | | |
| 100% | 245 | 2,9 | 245,0 | 3,6 | | | | | | |
| 75% | 250 | 2,2 | 250,0 | 2,7 | | | | | | |
| 50% | 255 | 1.5 | 255.0 | 1.9 | | | | | | |



Fuel specification: BS 2869: Part 2 1998 Class A2 or (DIN EN 590) ASTM D975 D2 Diesel. The fuel must be clean and without water)

SAE GRADES INTER ENGINE

Why You Should Buy **GENPOWER?**

Only because it is the biggest generator factory in the World? NO!

- * It is one of the most trustworthy and distinguished generator manufacturers in the world with its almost half century experience in the field.
- It has interiorized the strategy of unconditional customer satisfaction and has been working with this work ethic together with its whole crew.
- * Customers and end users get their moneys' worth and more with every penny.
- * It has become a big family with customers and users who receive durable, long-lasting and high quality products.
- * It has been appreciated many times by customers and suppliers about the investments that have been made for quality enhancement.
- * Both its suppliers and customers always know GENPOWER is and will always be there for them. GENPOWER on their side in bad and good days.
- * In order not to harm brand reputation and recognition, each day, they work harder than the day before.
- * It continues its business only with the suppliers, customers, dealers and technical services that also embrace the same mind set and work ethics.
- * It proves its loyalty for quality and customer satisfaction with its mottos "Your power is the core of our business" and "nothing will be left unfinished" * The specifications and/or modifications you can receive with extra costs by other manufacturers are included in standard production in GENPOWER
- * When you purchase GENPOWER products, you are not a customer or a buyer but GENPOWER perceives and accepts you as a valuable member of its continuously growing family.

These are why you should buy from **GENPOWER**...





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