



Features and Benefits

- Half century experience in generator manufacturing
- Gasoline engines with advanced technology and quality
- Alternators with advanced technology and quality
- Easy to Carry
- High quality and reliable technology
- Compact Design and Silent
- Suitable for heavy-duty
- Durable
- Wide range of affordable spare parts
- Low noise level
- Low exhaust emission
- Low operating cost
- Low fuel consumption
- Low oil consumption
- Lightweight
- Big Size Fuel Tank
- First class product support
- Global technical service and maintenance support

Generator General Information

| Generator Model | Frequency Hz | Voltage V | Power Factor CosQ | Speed rpm | Gasoline Engine | | | Alternator | | | Type of Operation | Generator Output | | |
|-----------------|--------------|-----------|-------------------|-----------|-----------------|------------|----------|-----------------|------------|------------|-------------------|------------------|------------|-------------|
| | | | | | Brand | Model | Series | Brand | Model | Series | | kVA | kW | A |
| GBG 40E | 50 | 230 | 0,8 | 3000 | GENPOWER | 170 | F | GENPOWER | GNP | 80L | Maximum | 4,0 | 3,2 | 17,4 |
| | | | | | | | | | | | Rated | 3,2 | 2,6 | 13,9 |
| GBG 48E | 60 | 110 | | 3600 | | | | | | | Maximum | 4,8 | 3,8 | 43,6 |
| | | | | | | | | | | | Rated | 3,8 | 3,0 | 34,5 |

Gasoline Engine General Data

- Single Cylinder, with Carburettor
- OHV (Over Head Valve) Technology
- 3000 rpm – 50Hz / 3600 rpm – 60Hz
- Air Cooled
- Electronic Ignition - TCI System
- 4 Stroke
- Big Size and Silent Muffler
- Big Size Air Filter
- 12V Electric Start and Recoil Starting

Equipment and Features

- Heavy Duty Type Strong Base Frame
- Robotic Painting with Heavy Duty Electrostatic Powder Paint
- Durable Vibration Chocks Between Generator-Chassis
- Big Size Fuel Tank
- Fuel Level Gauge
- Fuel Tank Cap, with Ventilation
- Grounding Terminal
- Low Oil Level Alarm and Protection

Gasoline Engine Technical Data

| | | |
|---------------------|-----------------|-------------|
| Brand | Genpower | |
| Model | GBE 170F | |
| Speed | rpm | 3000 / 3600 |
| Displacement | cm ³ | 212 |
| Number of Cylinders | 1 | |
| Bore x Stroke | mm | 70 x 55 |

Dimensions

| | | |
|----------|--------------------|-----------|
| Width * | Net (with Box)- mm | 435 (440) |
| Length * | Net (with Box)- mm | 595 (600) |

Alternator

- Synchron Alternator
- Single Phase 230V / 110V
- Self Excited
- Power Factor: Cos Q: 0,8 / 1,0
- H or F Insulation Class
- IP 23 Protection Class
- Frequency: 50 Hz / 60 Hz
- %100 Copper Winding (Rotor and Stator)
- With AVR
- %10-15 Total Harmonic (THD)

Control Panel

- 2 pcs 16A Schuko with Cap
- 1 pcs 12V DC Output
- 1 pcs Analogue Voltmeter
- 1 pcs Circuit Breaker
- 1 pcs Fuse
- 1 pcs Start Key
- 1 pcs Grounding Terminal

| | | |
|---------------------------|-------------------------------|-----|
| Cooling System | Air Cooled | |
| Starting System | 12V Electric Start and Recoil | |
| Running Time- %50 loading | Hour | 10 |
| Fuel | Gasoline | |
| Oil Capacity | lt | 0.6 |
| Fuel Tank Capacity | lt | 15 |

* Without handle and wheel

Important Note 1: Never use the generators in closed areas

Important Note 2: Wait 20 min for the generator to cool down before putting in fuel

