



### 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           |
| <b>GBG 15</b>   | <b>50</b>    | 230       | 0,8               | 3000      | <b>GENPOWER</b> | <b>160</b> | <b>F</b> | <b>GENPOWER</b> | <b>GNP</b> | <b>60L</b> | Maximum           | <b>1,5</b>       | <b>1,2</b> | <b>6,5</b>  |
|                 |              |           |                   |           |                 |            |          |                 |            |            | Rated             | <b>1,3</b>       | <b>1,0</b> | <b>5,7</b>  |
| <b>GBG 20</b>   | <b>60</b>    | 110       | 0,8               | 3600      |                 |            |          |                 |            |            | Maximum           | <b>1,9</b>       | <b>1,5</b> | <b>17,3</b> |
|                 |              |           |                   |           |                 |            |          |                 |            |            | Rated             | <b>1,5</b>       | <b>1,2</b> | <b>13,6</b> |

### 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
- Recoil Starting

### 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)

### 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

### Control Panel

- 1 pcs 16A Schuko with Cap
- 1 pcs 12V DC Output
- 1 pcs Analogue Voltmeter
- 1 pcs Circuit Breaker
- 1 pcs Fuse
- 1 pcs Stop Button
- 1 pcs Grounding Terminal

### Gasoline Engine Technical Data

|                     |                 |             |  |
|---------------------|-----------------|-------------|--|
| Brand               | Genpower        |             |  |
| Model               | GBE 160F        |             |  |
| Speed               | rpm             | 3000 / 3600 |  |
| Displacement        | cm <sup>3</sup> | 113         |  |
| Number of Cylinders | 1               |             |  |
| Bore x Stroke       | mm              | 60 x 40     |  |

|                           |            |     |
|---------------------------|------------|-----|
| Cooling System            | Air Cooled |     |
| Starting System           | Recoil     |     |
| Running Time- %50 loading | Hour       | 7   |
| Fuel                      | Gasoline   |     |
| Oil Capacity              | lt         | 0.4 |
| Fuel Tank Capacity        | lt         | 5   |

### Dimensions

|        |                    |           |
|--------|--------------------|-----------|
| Width  | Net (with Box)- mm | 370 (390) |
| Length | Net (with Box)- mm | 460 (470) |

|        |                     |           |
|--------|---------------------|-----------|
| Height | Net (with Box)- mm  | 440 (465) |
| Weight | Net (with Box)- Kgr | 24 (26)   |

**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**

