

## GBG 40 & GBG 48

## Gasoline Generator

230V – 50Hz & 110V – 60Hz



### 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 40	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 48	60	110		3600	GENPOWER	170	F	GENPOWER	GNP	80L	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
- 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

- 2 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 170F		
Speed	rpm	3000 / 3600	
Displacement	cm <sup>3</sup>	212	
Number of Cylinders	1		
Bore x Stroke	mm	70 x 55	

Cooling System	Air Cooled		
Starting System	Recoil		
Running Time- %50 loading	Hour	10	
Fuel	Gasoline		
Oil Capacity	lt	0.6	
Fuel Tank Capacity	lt	15	

### Dimensions

Width	Net (with Box)- mm	435 (440)	Height	Net (with Box)- mm	445 (450)
Length	Net (with Box)- mm	595 (600)	Weight	Net (with Box)- Kgr	39 (41)

**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**

