

## GDG 15000TEC & GDG 16000TEC

## Diesel Generator

231/400V – 50Hz & 277/480V – 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
- Light Weight
- 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	Diesel Engine			Alternator			Type of Operation	Generator Output		
					Brand	Model	Series	Brand	Model	Series		kVA	kW	A
GDG 15000TEC	50	231/400	0,8	3000	GENPOWER	1105	F	GENPOWER	GNP	120L	Maximum	15,0	12,0	21,7
GDG 16000TEC	60	277/480		3600							Rated	12,5	10,0	18,1
											Maximum	16,0	12,8	19,3
											Rated	13,8	11,0	16,6
We also make productions; 220, 230, 240, 110/220, 115/230, 120/240, 220/380, 230/400, 240/415V and 50Hz or 60Hz														

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### Diesel Engine General Data

- Single Cylinder, with Injector and Fuel Pump
- Vertical Type
- 3000 rpm – 50Hz / 3600 rpm – 60Hz
- Air Cooled
- Direct Injection
- 4 Stroke
- Big Size and Silent Muffler
- Big Size Air Filter
- 12V Electric Start

### Alternator

- Synchron Alternator
- Three Phase 231/400V - 277/480V
- 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

- Sound Proof Canopy (70-72 dBA)
- Robotic Painting with Electrostatic Powder Paint
- Heavy Duty Type Wheels and Handle
- 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 CEE Schuko with Cap and 1 pcs Terminal
- 1 pcs 12V DC Output
- 1 pcs Digital Panel
- 1 pcs Circuit Breaker
- 1 pcs ATS Socket
- 1 pcs Oil Lamp
- 1 pcs Grounding Terminal

### Diesel Engine Technical Data

Brand	Genpower		
Model	GDE 1105FE		
Speed	rpm	3000 / 3600	
Displacement	cm <sup>3</sup>	736	
Number of Cylinders	1		
Bore x Stroke	mm	105 x 85	

Cooling System	Air Cooled		
Starting System	12V Electric Start		
Running Time- %50 loading	Hour	12	
Fuel	Diesel		
Oil Capacity	lt	2,2	
Fuel Tank Capacity	lt	28	

### Dimensions

Width	Net (with Box)- mm	725 (735)
Length	Net (with Box)- mm	1100 (1110)

Height	Net (with Box)- mm	730 (740)
Weight	Net (with Box)- Kgr	270 (280)

**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**

