

GDG 7000TEC & GDG 8000TEC

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

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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 7000TEC	50	231/400	0,8	3000	GENPOWER	186	FAE	GENPOWER	GNP	100L	Maximum	7,0	5,6	10,1
GDG 8000TEC	60	277/480		3600							Rated	6,0	4,8	8,7
											Maximum	7,7	6,2	9,3
											Rated	6,7	5,4	8,1
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 (70-75 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

- 2 pcs 16A Schuko with Cap
- 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 186FAE		
Speed	rpm	3000 / 3600	
Displacement	cm ³	418	
Number of Cylinders	1		
Bore x Stroke	mm	86 x 72	

Cooling System		Air Cooled
Starting System		12V Electric Start
Running Time- %50 loading	Hour	12
Fuel		Diesel
Oil Capacity	lt	1,65
Fuel Tank Capacity	lt	14,5

Dimensions

Width	Net (with Box)- mm	550 (565)	Height	Net (with Box)- mm	750 (760)
Length	Net (with Box)- mm	850 (945)	Weight	Net (with Box)- Kgr	149 (155)

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

