

## GDG 7000EC & GDG 8000EC

## Diesel 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
- 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
<b>GDG 7000EC</b>	<b>50</b>	230	0,8	3000	<b>GENPOWER</b>	<b>186</b>	<b>FAE</b>	<b>GENPOWER</b>	<b>GNP</b>	<b>100L</b>	Maximum	<b>7,0</b>	<b>5,6</b>	<b>30,4</b>
<b>GDG 8000EC</b>	<b>60</b>	110		3600							Rated	<b>6,0</b>	<b>4,8</b>	<b>26,1</b>
											Maximum	<b>7,7</b>	<b>6,2</b>	<b>70,0</b>
											Rated	<b>6,7</b>	<b>5,4</b>	<b>60,9</b>

We also make productions; 220, 230, 240, 110/220, 115/230, 120/240, 220/380, 230/400, 240/415V and 50Hz or 60Hz

### 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
- 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

- 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 <sup>3</sup>	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**

