

## GDG 7000TECX & GDG 8000TECX

## 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
<b>GDG 7000TECX</b>	<b>50</b>	231/400	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>10,1</b>
<b>GDG 8000TECX</b>	<b>60</b>	277/480		3600							Rated	<b>6,0</b>	<b>4,8</b>	<b>8,7</b>
											Maximum	<b>7,7</b>	<b>6,2</b>	<b>9,3</b>
											Rated	<b>6,7</b>	<b>5,4</b>	<b>8,1</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
- 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

- Super Silent Sound Proof Canopy (63-66 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, 1 pcs 32A CEE Schuko w/tp Cap
- 1 pcs 12V DC Output
- 1 pcs Multi Functions 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	645 (660)	Height	Net (with Box)- mm	890 (910)
Length	Net (with Box)- mm	995 (1030)	Weight	Net (with Box)- Kgr	207 (217)

**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**

