



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

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 witp 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

