

# GDG SERIES Diesel Portable Generator

# GENPOWER®

GENERATOR

## GDG 7000 E/EC/ECS/ECA

STANDARD SPECIFICATIONS

### ENGINE

- Type: 178 FGE & 186 FAG,
- Air cooled, 4-cycyle diesel engine
- Large capacity air cleaner
- Maximum power output (Hp-3600 RPM): Between 7 Hp & 10 Hp (based on the models)
- Recoil and electrical starting
- Easy start up by decompression lever
- Low fuel consumption and long economic life span
- Fuel depot capacity (Liters): Between 13 & 24 (based on the models)
- Continious operating (Hours): 8 -12
- Oil capacity (Liters): 0.8 - 1.65
- Low oil level alert & protection
- Suitable capacity battery
- Noise level: Environmently low noise level (@7m 72 dBA)
- Safety & Protection: For personel safety, necessary protection provisions are included
- Easy spare parts and maintenance availability
- Easy handling and operating

### ALTERNATOR

- Comply with IEC 34-1 standarts
- Maximum output power: Between 4 kVA and 8 kVA
- Brushless type
- Output Voltage: 230/400VAC three phase (based on the models)
- Automatic Voltage Regulator
- Overload acceptance: For 1 hour %110 and 2 minutes %120
- Short circuit resistance: For 10 seconds %300
- Insulation resistance: 1800 VAC
- Frequency: 50 Hz
- Power factor (Cos.Fi): Between 0.8 and 1

### CONTROL AND COMMAND PANEL

On monophase genset panels:

- ACV Voltmeter
- 12 VDC power output terminals
- DC circuit breaker
- AC power output thermic circuit breaker switch
- Earted outlet plug with cover
- Fuel gauge
- Low oil alet and protection
- Start /Stop switch (only for electric start types )

On three phase genset panels:

- ACV Voltmeter
- 12 VDC power output terminals
- DC circuit breaker
- Three phase AC power output thermic circuit breaker switch
- Earted outlet plug (230 VAC) with cover
- Three phase earthed outlet plug (400 VAC) with cover
- Fuel gauge
- Low oil alet and protection
- Start /Stop switch (only for electric start types)

### CANOPY

- Easy lifting and moving (optional)
- Metal parts are coated with electrostatic polyester coated, powder painted
- Acoustic insulation with rot-proof, moisture repellent and non-flamable material

### OTHERS :

- 4-wheels dolly mobility (based on the requirement)
- Profile type steel pipe chasis mounted
- Vibrations moulds between chasis and engine
- Direct coupled engine-alternator
- Engine top fuel tank
- Easy mounting on truck or any plain base
- Dry Weights: Between 23 and 80 Kgs (based on the models)



### GENERATOR

Maximum AC Output	kVA	7
Rated AC Output	kVA	6
Rated Current	A	26
DC Output		12 V - 8,3 A
AC Output Voltage	Volt	230
AC Frequency	Hz	50
Power Factor	Cos Q	1

### ENGINE

Model		186 FAG
Type		Air Cooled - 4 Stroke
		Direct Injection - Single Cylinder
Displacement	cm <sup>3</sup>	418
Max.Power output	HP- 3600 rpm	10
Fuel Tank Capacity	Lt	16 / 24
Fuel Consumption	gr/Kw-H	240
Starting System		Electric Start
Continuous operating hours	Hr	8 / 12
Oil Capacity	Lt	1.65
Noise Level	{Db(A) @ 7 mt.}	E: 72 / EC/ECS/ECA: 69

### OTHERS

Automatic Voltage Regulator		✓
Large Capacity Air Cleaner		✓
Large Capacity muffler		✓
Oil Alert		✓
Voltmeter		✓
AC Circuit Breaker		✓
DC Circuit Breaker		✓
Fuelmeter		✓
Battery		✓
4 whell dolly kit		✓
Dimensions LxWxH	mm	E:740x500x630/EC:970x560x740 ECA:980x570x770/ECS:960x570x740 E:99/EC:149/ECA:151/ECS:157
Dry Weight	Kg	

TECHNICAL SPECIFICATIONS