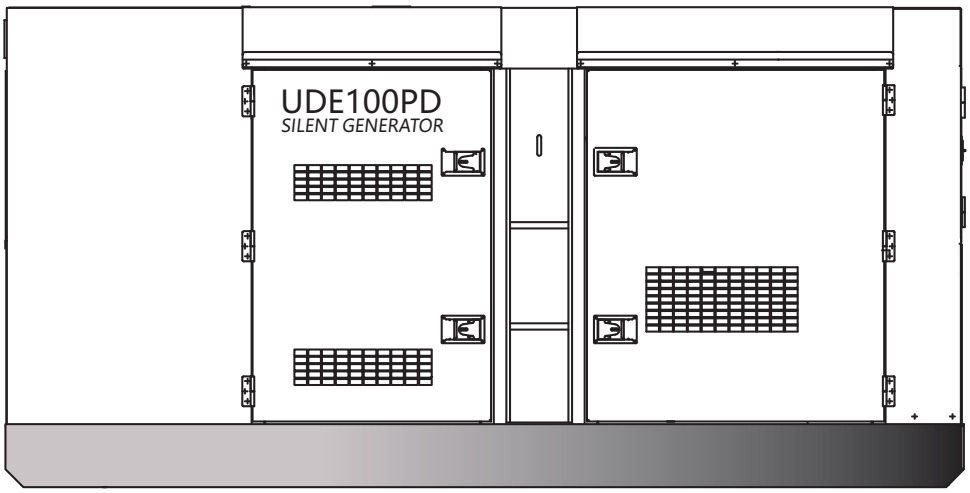
UDE100PD

GENNEV GENERATORS SILENT SERIES

POWER OUTPUT

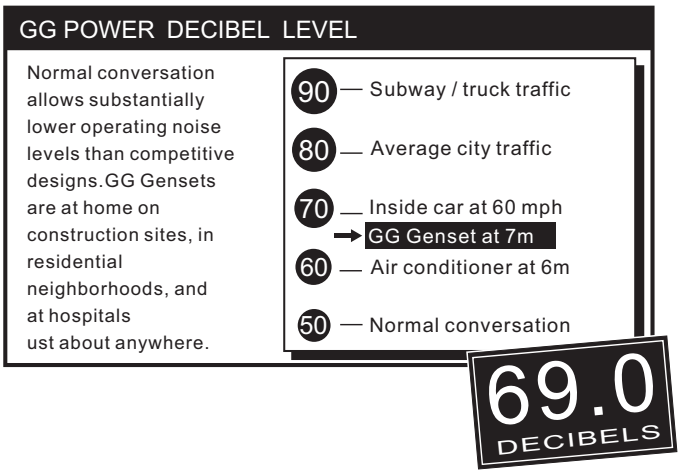
Prime Rating — 75 kW (94 kVA)
Standby Rating — 80 kW (100 kVA)
3-Phase, 60 Hertz, 0.8 PF



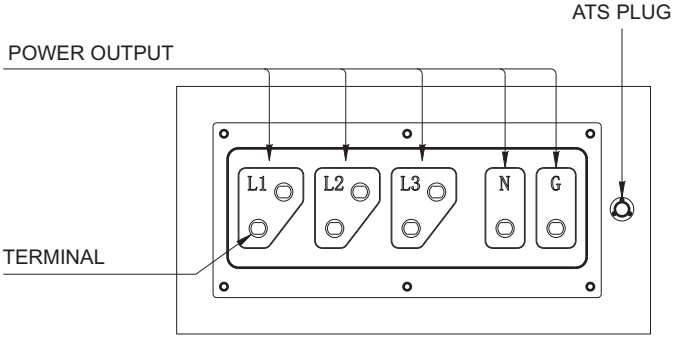
STANDARD FEATURES

- Heavy duty, 4-cycle, variable speed fan, diesel engine provides maximum reliability.
- Brushless alternator reduces service and maintenance requirements. Class H protection.
  - Open delta alternator design provides virtually unlimited excitation for maximum motor starting capability.
  - Automatic voltage regulator (AVR) provides precise regulation.
- Electronic governor system maintains frequency to ±0.25%.
- Full load acceptance of standby nameplate rating in one step
- Soundproof, weather resistant, steel housing provides operation at 69dB (A) at 7meters. Fully lockable enclosure allows safety operation. Outdoor operation available.
- Internal fuel tank with direct observing glass, and fuel level meter display on control panel
  E-coat and powder coat paint provides durability and weather protection.
- Digital engine gauges including oil pressure, water temperature, battery volts, engine speed, and fuel level.
- Analog generator instrumentation including Ampere meter,
- Voltage meter, frequency meter, ammeter phase selector switch, voltmeter phase selector switch. Analog generator instrumentation and regulator adjustment.
- Deepsea/Comap professional generator controller.
  - High visibility LCD display with heated screen and alphanumeric readout.
  - IP65 Protection standard, operational temperature range of -40° to 85° C.
  - Modbus interface for gauge panel and expansion options.
  - DPF cleaningcycle indication.
  - Log record for inspection
- Automatic safety shutdown system monitors the water temperature,engine oil pressure, low coolant, low DEF, overspeed, and overcrank. Warning lights indicate abnormal conditions.
- Fuel/water separator. Removes condensation from fuel for extended engine life.
- Emergency stop switch — when manually activated, shuts down in any emergency.

GG POWER SILENT SERIES



GENERATOR OUTPUT PANEL



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SPECIFICATIONS

Generator Specifications	
Model	Revolving field, self-ventilated weatherproof
Armature Connection	Star with Neutral
Phase	3
Standby Output	80 KW (100 KVA)
Prime Output	75KW (94 KVA)
Power Factor	0.8
Voltage Regulation (No load to full load)	±0.5%
Generator RPM	1800
Frequency	60 Hz
No. of Poles	4
Excitation	Brushless with AVR
Frequency Regulation: No Load to Full Load	Isochronous under varying loads from no load to 100% rated load
Frequency Regulation: Steady State	±0.25% o f mean value for constant loads from no load to full load.
Insulation	Class H
Sound Level dB(A) Full load at 7M	69

Engine Specifications	
Make / Model	Perkins / 1104A-44TG2
Emissions	/
Starting System	Electrical start
Design	4-cycle, water cooled, direct injection, Turbocharged
Displacement	4.4 liters
No. cylinders	4
Bore x Stroke	105 x 127 mm
Gross Engine Power Output	113.2 hp (84.5 kW)
Compression Ratio	17.25 : 1
Engine Speed	1800 rpm
Overspeed Limit	2070 rpm
Oil Capacity	2.11 US gallons (8.0 liters)
Coolant Capacity	3.43 US gallons (13.0 liters)
Battery	12V 100Ah x 1

Amperage	
Rated Voltage	Maximum Amps
3Ø Volt 127/220	263.2 Amps
/	/
/	/
/	/
Main Line Circuit Breaker Rating	400 Amps
Over Current Relay Trip Set Point 127/220V Mode	440 Amps

Alternator	
Alternator Brand	DINGOL
Alternator Model	DG224G
Excitation	Brushless,Self-Excited system
Capacity(KVA)	100kva
Power(KW)	80kw
Efficiency(%)	88%
Insullation class	Class H
Protection class	Ip23
Steady state voltage regulation	±1%
Voltage control	AVR

Fuel System	
Maximum Fuel Flow (per hour)	34.3 gallons (130 liters)
Fuel Tank Capacity	76.6 gallons (290 liters)
Fuel Consumption	L / h
At full load	18.9
At 3/4 load	14.9
At 1/2 load	10.84
At 1/4 load	8.0

Control system	
Controller Brand	Deepsea
Model	DSE7320
Module	Manual/Auto start/stop module
Standard function	Engine control
	Generator monitoring
	Generator protection
	Specification
Display	Frequency
	Battery voltage
	Running hour
Warning/shutdown	under/over voltage
	under/over speed
	under/over frequency
	Low oil pressure
	High water temperature
Communication port	RS232,RS485

WARRANTY*

Generator

12 months from date of purchase or 1000 hours (whichever occurs first).

NOTICE

Enough Air flow is extremely important to Generator operation.
Improper connection can cause electrocution and/or property damage.
Do not connect to any electrical system except through an approved device.
Specifications are subject to change without notice.

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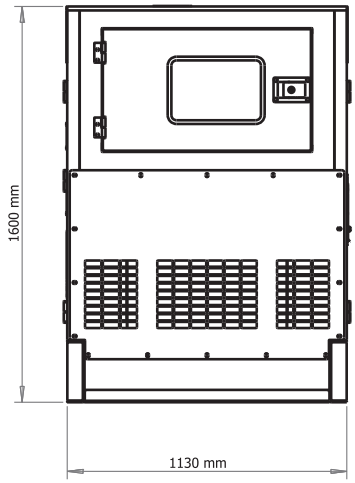
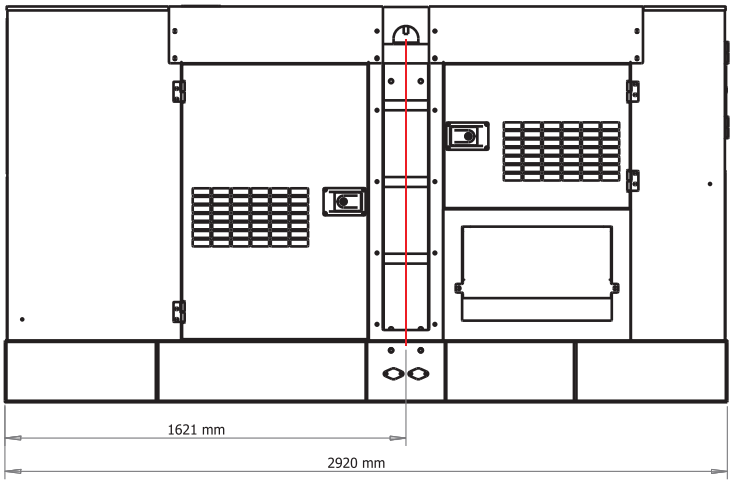
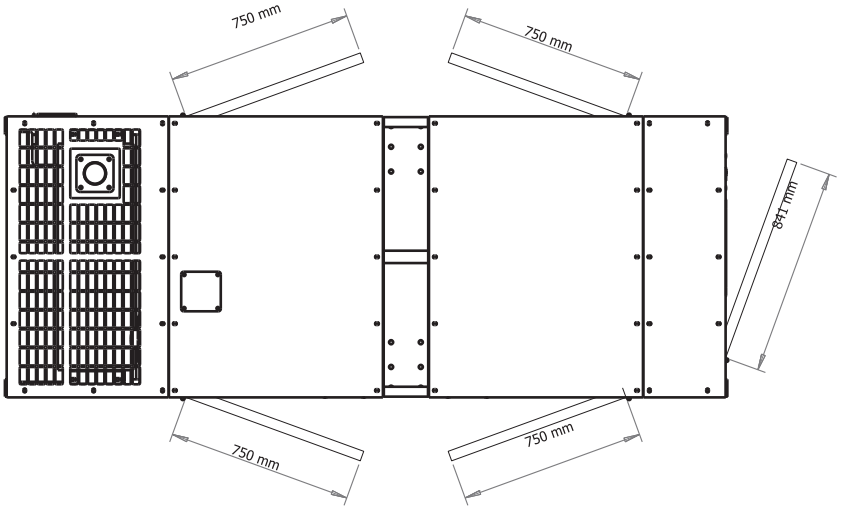




Weight	
Dry Weight	4,519 lbs. (2,050 kg)
Wet Weight	4,629 lbs. (2,100 kg)
Max. Lifting Point Capacity	8,818 lbs. (4,000 kg)



Manufactured for

DEEPER DISCOUNTS LLC

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