

# UDE750CKD

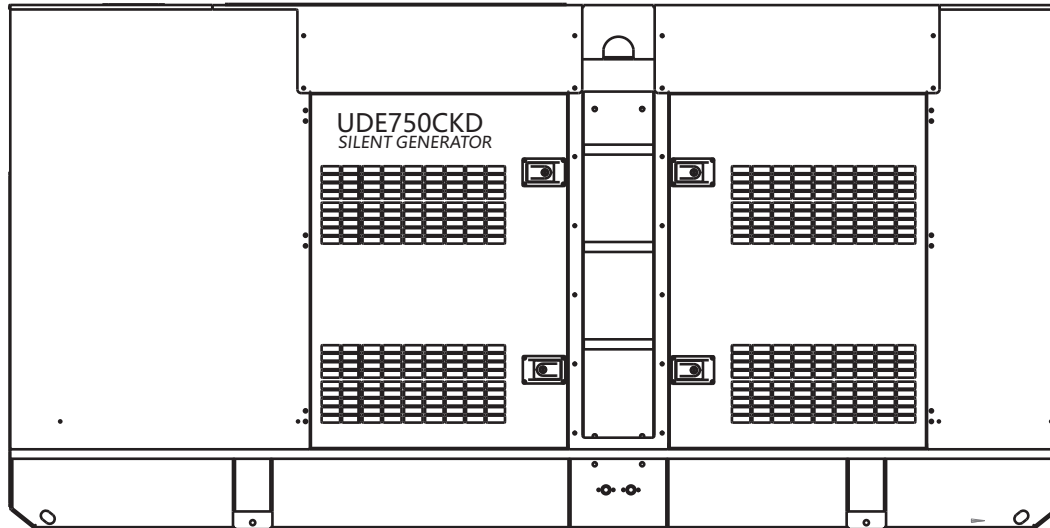
## GENNEV GENERATORS SILENT SERIES

### POWER OUTPUT

Prime Rating — 550 kW (687.5 kVA)

Standby Rating — 600 kW (750kVA)

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  $\pm 0.25\%$ .
- Full load acceptance of standby nameplate rating in one step
- Soundproof, weather resistant, steel housing provides operation at 82dB (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 cleaning cycle 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

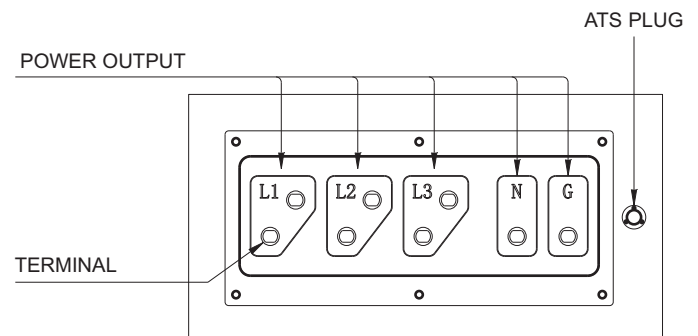
#### GG POWER DECIBEL LEVEL

Normal conversation allows substantially lower operating noise levels than competitive designs. GG Gensets are at home on construction sites, in residential neighborhoods, and at hospitals just about anywhere.

- 90 — Subway / truck traffic
- 80 — Average city traffic
- 70 — Inside car at 60 mph
- 60 — Air conditioner at 6m
- 50 — Normal conversation

**82.0**  
DECIBELS

### GENERATOR OUTPUT PANEL



# UDE750CKD

## GENNEV GENERATORS SILENT SERIES

### SPECIFICATIONS

| Generator Specifications                   |  |
|--|--|
| Model                                      | Revolving field, self-ventilated weatherproof                      |
| Armature Connection                        | Star with Neutral  |
| Phase                                      | 3  |
| Standby Output                             | 600KW (750KVA)   |
| Prime Output                               | 550KW (687.5KVA)   |
| 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% of mean value for constant loads from no load to full load. |
| Insulation                                 | Class H  |
| Sound Level dB(A) Full load at 7M          | 85   |

| Amperage   |              |
|--|--------------|
| Rated Voltage  | Maximum Amps |
| 3Ø Volt 127/220                                      | 1973.7 Amps  |
| /  | /            |
| /  | /            |
| /  | /            |
| Main Line Circuit Breaker Rating                     | 2000 Amps    |
| Over Current Relay Trip Set Point 127/220V Mode Only | 2200 Amps    |

| Fuel System                  |                            |
|------------------------------|----------------------------|
| Maximum Fuel Flow (per hour) | 52.8 gallons (200 liters)  |
| Fuel Tank Capacity           | 219.3 gallons (830 liters) |
| Fuel Consumption             | L / h                      |
| At full load                 | 147                        |
| At 3/4 load                  | 109                        |
| At 1/2 load                  | 73                         |
| At 1/4 load                  | 43                         |

| 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                   |

| Engine Specifications     |   |
|---------------------------|---|
| Make / Model              | Cummins / KTA19-G6A   |
| Emissions                 | /   |
| Starting System           | Electrical start  |
| Design                    | 4-cycle, water cooled, direct injection<br>Turbocharged and aftercooled |
| Displacement              | 18.9 liters   |
| No. cylinders             | 6   |
| Bore x Stroke             | 159 x 159 mm  |
| Gross Engine Power Output | 904.8 hp (675 kW)   |
| Compression Ratio         | 13.5 : 1  |
| Engine Speed              | 1800 rpm  |
| Overspeed Limit           | 2070 rpm  |
| Oil Capacity              | 13.2 gallons (50 liters)  |
| Coolant Capacity          | 28 gallons (106 liters)   |
| Battery                   | 24V 120Ah x 2   |

| Alternator                      |                                |
|---------------------------------|--------------------------------|
| Alternator Brand                | DINGOL                         |
| Alternator Model                | DG544E                         |
| Excitation                      | Brushless, Self-Excited system |
| Capacity(KVA)                   | 750kva                         |
| Power(KW)                       | 600kw                          |
| Efficiency(%)                   | 90%                            |
| Insulation class                | Class H                        |
| Protection class                | Ip23                           |
| Steady state voltage regulation | ±1%                            |
| Voltage control                 | AVR                            |

### WARRANTY\*

#### Generator

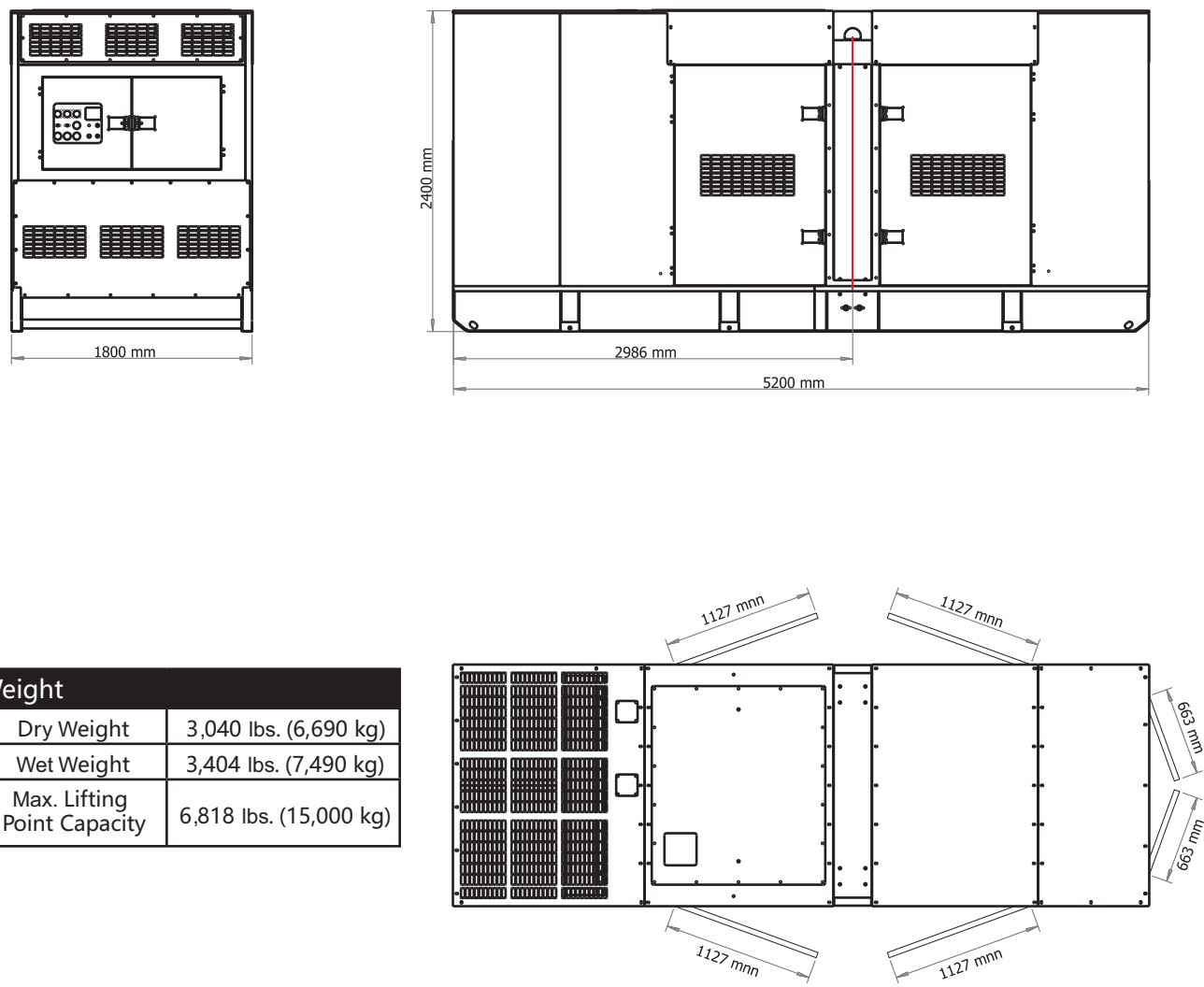
12 months from date of purchase or 1000 hours (whichever occurs first).

#### 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                  | 3,040 lbs. (6,690 kg)  |
| Wet Weight                  | 3,404 lbs. (7,490 kg)  |
| Max. Lifting Point Capacity | 6,818 lbs. (15,000 kg) |

Manufactured for  
**DEEPER DISCOUNTS LLC**  
Email:sales@gennevgenerators.com