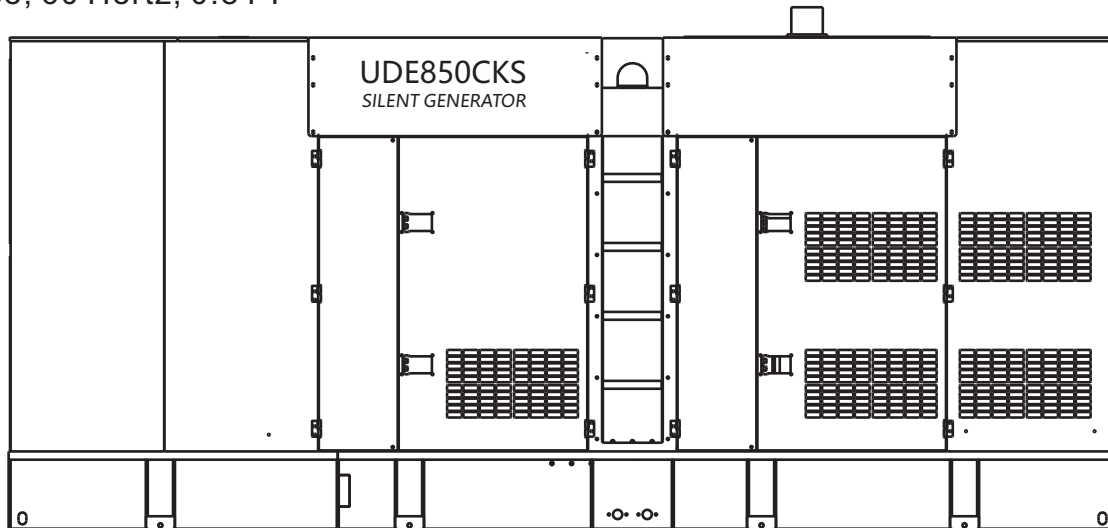


# UDE850CKS

## GENNEV GENERATORS SILENT SERIES

### POWER OUTPUT

Prime Rating — 620 kW (775 kVA)  
Standby Rating — 680 kW (850kVA)  
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 88dB (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

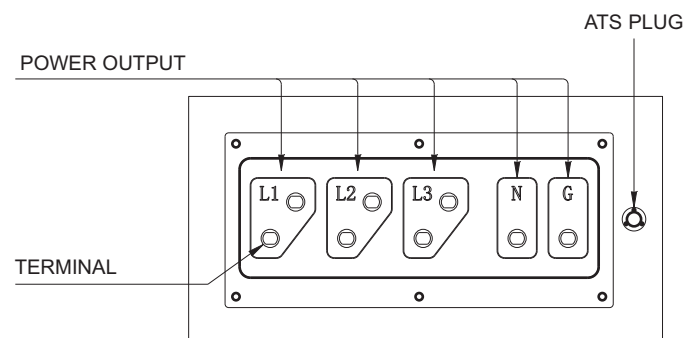
Normal conversation allows substantially lower operating noise levels than competitive designs. GG Gensets are at home on construction sites, in residential neighborhoods, and at hospitals

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

→ GG Genset at 7m

**88.0**  
DECIBELS

### GENERATOR OUTPUT PANEL



# UDE850CKS

## GENNEV GENERATORS SILENT SERIES

### SPECIFICATIONS

| Generator Specifications                   |  |
|--|--|
| Model                                      | Revolving field, self-ventilated weatherproof                      |
| Armature Connection                        | Star with Neutral  |
| Phase                                      | 3  |
| Standby Output                             | 680KW (850KVA)   |
| Prime Output                               | 620KW (775KVA)   |
| 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          | 88   |

| Amperage   |              |
|--|--------------|
| Rated Voltage  | Maximum Amps |
| 3Ø Volt 127/220                                      | 2236.8 Amps  |
| /  | /            |
| /  | /            |
| /  | /            |
| Main Line Circuit Breaker Rating                     | 2500 Amps    |
| Over Current Relay Trip Set Point 127/220V Mode Only | 2750 Amps    |

| Fuel System                  |                             |
|------------------------------|-----------------------------|
| Maximum Fuel Flow (per hour) | 79.3 gallons (300 liters)   |
| Fuel Tank Capacity           | 269.5 gallons (1020 liters) |
| Fuel Consumption             | L / h                       |
| At full load                 | 154                         |
| At 3/4 load                  | 118                         |
| At 1/2 load                  | 84                          |
| At 1/4 load                  | 50                          |

| 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 / KT38-G                                      |
| Emissions                 | /   |
| Starting System           | Electrical start                                      |
| Design                    | 4-cycle, water cooled, direct injection, Turbocharged |
| Displacement              | 37.8 liters   |
| No. cylinders             | 12  |
| Bore x Stroke             | 159 x 159 mm  |
| Gross Engine Power Output | 1000 hp (747 kW)                                      |
| Compression Ratio         | 15.5 : 1  |
| Engine Speed              | 1800 rpm  |
| Overspeed Limit           | 2070 rpm  |
| Oil Capacity              | 35.7 gallons (135 liters)                             |
| Coolant Capacity          | 28 gallons (106 liters)                               |
| Battery                   | 24V 120Ah x 4   |

| Alternator                      |                                |
|---------------------------------|--------------------------------|
| Alternator Brand                | Stamford                       |
| Alternator Model                | HC1544F                        |
| Excitation                      | Brushless, Self-Excited system |
| Capacity(KVA)                   | 850kva                         |
| Power(KW)                       | 680kw                          |
| Efficiency(%)                   | 90%                            |
| Insulation class                | Class H                        |
| Protection class                | Ip23                           |
| Steady state voltage regulation | ±1%                            |
| Voltage control                 | AVR                            |

### WARRANTY\*

#### Generator

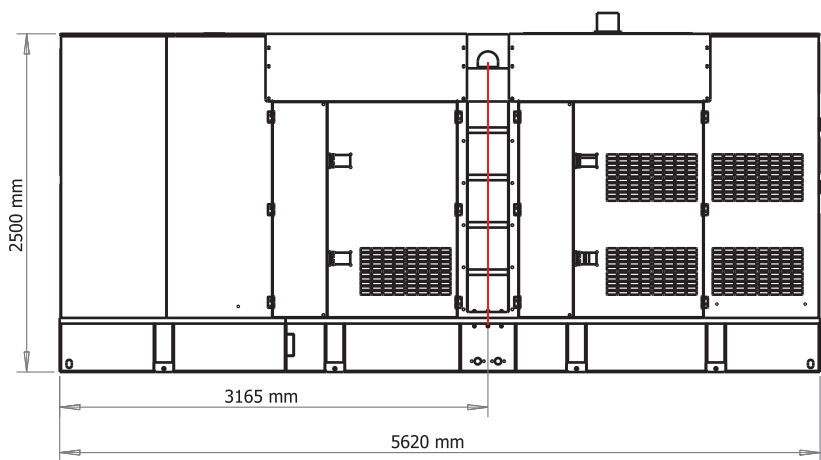
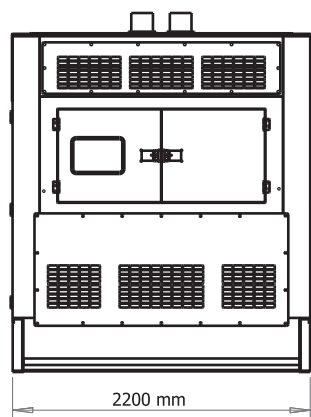
12 months from date of purchase or 1000 hours (whichever occurs first).

#### NOTICE

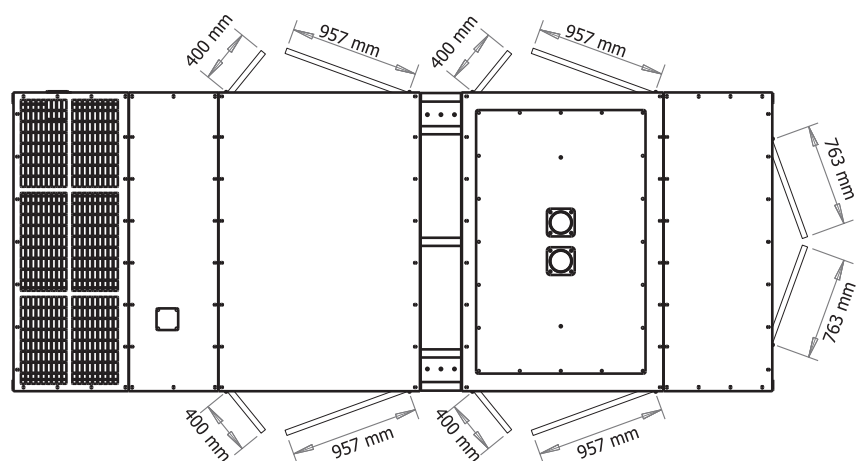
Enough Air flow is extremely important to Generator operation.  
Improper connection can cause electrocution and/or property damage.  
Do not connect to any electrical system except through an approved device.  
Specifications are subject to change without notice.

# UDE850CKS

GENNEV GENERATORS SILENT SERIES



| Weight                      |                         |
|-----------------------------|-------------------------|
| Dry Weight                  | 4,545 lbs. (10,000 kg)  |
| Wet Weight                  | 5,268lbs. (11,000 kg)   |
| Max. Lifting Point capacity | 11,818 lbs. (26,000 kg) |



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