



## 3500T Ultra Silent Generator Black Ultra Quiet Diesel Generator

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: GET
- Certification: ISO CE
- Price: Negotiable
- Delivery Time: 15-20 workdays
- Payment Terms: LC, T/T, PayPal, Western Union, Small-amount payment, Money Gram



### Product Specification

- Rated Frequency: 50hz 60hz
- Rated Output(kw): 2.5 2.8/ 4.5 4.8/ 4.8 5.0/ 5.7 6.0/ 6.0 6.3
- Max Output (kw): 2.7 3.0/ 5.0 5.2/ 5.2/5.5/ 6.3 6.9/ 6.8 7.7
- Rated Voltage (V): 220V Or As Request
- Rated Current (A): 11.3 12.7/ 20.4 21.8/ 21.8 22.7/ 25.9 27.2/ 27.2 28.6
- Rated Rotation Speed (r/min): 3000 3600
- Phase No.: Single Phase
- Power Factor: 1
- Insulation Grade: F
- Pole Number: 2
- Excitation Mode: Self-excitation & Constant Voltage (AVR)
- Panel Type: General Panel
- Receptacle: Two Receptacles
- Operation Mode: Without

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## Product Description

### GET3500T Ultra Silent Generator Black Ultra Quiet Portable Generator

Ultra-silent generators, also known as super quiet generators or whisper-quiet generators, are designed to operate with extremely low noise levels. These generators incorporate advanced features and technologies to minimize noise emissions. Here are some key features commonly found in ultra-silent generators:

**Soundproof Enclosure:** Ultra-silent generators are equipped with specialized soundproof enclosures that are designed to reduce noise transmission. These enclosures are constructed using high-quality materials and insulation layers that effectively absorb and dampen sound waves, preventing them from escaping and reducing overall noise levels.

**Acoustic Insulation:** The soundproof enclosure of an ultra-silent generator is lined with advanced acoustic insulation materials, such as noise-reducing foams or specialized sound-absorbing panels. These materials are highly effective in absorbing and dissipating sound energy, resulting in significantly reduced noise emissions.

**Low Vibration Design:** Ultra-silent generators feature low vibration designs to minimize noise caused by mechanical vibrations. This includes the use of vibration-dampening mounts, rubber isolators, and anti-vibration pads to reduce vibrations and prevent their transmission as noise.

**Advanced Exhaust System:** Ultra-silent generators are equipped with specially designed exhaust systems to reduce noise associated with engine combustion. These systems include advanced mufflers, resonators, and exhaust silencers that effectively dampen the exhaust noise, resulting in quieter operation.

**Engine Design and Insulation:** The engine of an ultra-silent generator is engineered for reduced noise emissions. This may involve optimizing the combustion process, improving engine insulation, and reducing mechanical friction to minimize noise generation.

**Efficient Cooling System:** Ultra-silent generators incorporate efficient cooling systems that operate with minimal noise. This includes the use of silent fans, insulated coolant lines, and optimized airflow paths to reduce cooling-related noise.

**Smart Load and Speed Control:** Some ultra-silent generators feature smart load and speed control mechanisms. These systems automatically adjust the engine speed and power output based on the load demand, optimizing fuel consumption and further reducing noise levels during low-demand periods.

**Noise Level Specifications:** Ultra-silent generators are typically labeled with noise level ratings. These ratings indicate the sound output in decibels (dB) at a specific distance, such as 7 meters (23 feet). Ultra-silent generators typically have very low dB ratings, often ranging from 50 dB to 60 dB or even lower.

|                                   |                                                                                              |
|-----------------------------------|----------------------------------------------------------------------------------------------|
| Phase No.:                        | Single Phase                                                                                 |
| Insulation Grade:                 | F                                                                                            |
| Excitation Mode:                  | Self-excitation & Constant Voltage (AVR)                                                     |
| Receptacle:                       | Two Receptacles                                                                              |
| DC 12V Output:                    | Connection Pole Output                                                                       |
| Dry Weight (kg):                  | 164 150 150 153 161                                                                          |
| Noise Level (7m):                 | 72 DB                                                                                        |
| Engine Type:                      | Single Cylinder, Vertical, Four Stroke, Direct Injection, Air-cooled                         |
| Displacement(ml):                 | 296 418 456 498 531                                                                          |
| Compression Ratio:                | 20:01, 19:01                                                                                 |
| Starting System:                  | Electric Start                                                                               |
| Lube Oil Brand:                   | CD Grade Or SAE10W-30, 15W-40                                                                |
| Starting Motor Capacity:          | 12V 0.9KW/ 12V 1.2KW                                                                         |
| Battery Capacity:                 | 12V 30Ah                                                                                     |
| Fuel Tank Capacity (L):           | 15                                                                                           |
| Rated Output(kw):                 | 2.5 2.8/ 4.5 4.8/ 4.8 5.0/ 5.7 6.0/ 6.0 6.3                                                  |
| Rated Voltage (V):                | 220V Or As Request                                                                           |
| Rated Rotation Speed (r/min):     | 3000 3600                                                                                    |
| Power Factor:                     | 1                                                                                            |
| Pole Number:                      | 2                                                                                            |
| Panel Type:                       | General Panel                                                                                |
| Connection Pole:                  | Without                                                                                      |
| Overall Dmension(mm):             | 945*555*700                                                                                  |
| Working Assorting Weight (kg):    | 179 185 186 186 187                                                                          |
| Structure Type:                   | Silent Type                                                                                  |
| Cylinder No. -bore X Stroke (mm): | 1-78x62/ 1-86x72/ 1-88x75/ 1-92x75/ 1-95x75                                                  |
| Rated Power:                      | 3.68/3000-4/3600. 5.7/3000-6.3/3600. 6.5/3000-7.2/3600. 7.6/3000-8.2/3600. 8.1/3000-8.7/3600 |
| Lubrication System:               | Pressure Splashed                                                                            |
| Fuel Type:                        | 0#(summer)-10#(winter)-35#(chillness) Diesel                                                 |
| Lube Capacity (L):                | 1.1/ 1.65                                                                                    |
| Charging Generator Capacity:      | 12V 8.3A                                                                                     |
| Fuel Consumption (g/kw*h):        | ≤280                                                                                         |
| Continuous Running Time:          | 11h 8h 8h 7h 7h                                                                              |

Ultra-silent generators are suitable for applications that require minimal noise emissions, such as residential areas, hospitals, film sets, and outdoor events where noise restrictions are in place. They provide reliable power while operating with near-silent or barely noticeable noise levels, allowing for a quiet and comfortable environment.

