



## Green 6kw Silent Generator 6500T Silent Genset 220V Single Phase

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

### GET6500T Silent Diesel Generator Green Quiet Diesel Generator

A quiet diesel generator is a type of generator that is designed to produce less noise compared to conventional diesel generators. They are specifically engineered with noise-reducing features and technologies to minimize the sound output during operation. Here are some key aspects and features that contribute to the quiet operation of a diesel generator:

**Soundproof Enclosure:** Quiet diesel generators often come equipped with a soundproof enclosure or housing. The enclosure is constructed using materials that absorb and dampen the noise generated by the engine and other components. This helps to reduce the overall noise level emitted by the generator.

**Acoustic Insulation:** The soundproof enclosure is lined with acoustic insulation material, such as foam or specialized noise-reducing materials. These materials help to absorb and block sound waves, further reducing the noise produced by the generator.

**Vibration Isolation:** Noise reduction in diesel generators also involves isolating vibrations from the engine and other moving parts. Special rubber mounts or anti-vibration pads are used to dampen vibrations, preventing them from being transmitted as noise.

**Control System:** The control system of a quiet diesel generator may have features that allow for noise reduction. For example, the generator may automatically adjust the engine speed or load based on the power demand, optimizing fuel consumption and minimizing noise levels.

**Noise Level Specifications:** Quiet diesel generators are typically labeled with their noise level ratings. The noise level is measured in decibels (dB) and is usually specified at a certain distance from the generator, such as 7 meters (23 feet). Lower dB ratings indicate quieter operation.

Rated Frequency:	50hz 60hz
Max Output (kw):	2.7 3.0/ 5.0 5.2/ 5.2/5.5/ 6.3 6.9/ 6.8 7.7
Rated Current (A):	11.3 12.7/ 20.4 21.8/ 21.8 22.7/ 25.9 27.2/ 27.2 28.6
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 Dimension(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

Quiet diesel generators are commonly used in settings where noise reduction is crucial, such as residential areas, outdoor events, and locations with noise restrictions. They offer the advantage of providing reliable power while keeping noise disturbances to a minimum. However, it's important to note that even quiet diesel generators will still produce some level of noise during operation, albeit significantly reduced compared to standard generators.

