



## Open Type Diesel Welding Generator Single Phase Diesel Powered Generator Welder

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 Power (kw): 2.5
- Rated Voltage (V): 220V Or As Request
- Rated Current (A): 8.7 9.5A
- Rated Rotation Speed (r/min): 3000 3600
- Phase No.: Single Phase
- Power Factor: 1
- No Load Welding Voltage: 65-70V
- Insulation Grade: F
- Pole Number: 2
- Displacement(ml): 418 456
- Engine Type: Single Cylinder, Vertical, Four Stroke, Direct Injection, Air-cooled
- Bore X Stroke (mm): 1-86x72/ 1-92x75
- Compression Ratio: 16:1

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## Product Description

### GET6500EAW Single Phase Diesel Welding Generator Open Type

A diesel welding generator is a versatile and robust piece of equipment that combines the functions of a welding machine and a power generator. It is designed to provide both electrical power and welding capabilities in remote or off-grid locations where a reliable source of electricity is not readily available.

|                                   |                                                                      |
|-----------------------------------|----------------------------------------------------------------------|
| Rated Power (kw):                 | 2 5                                                                  |
| Rated Current (A):                | 8.7 9.5A                                                             |
| Phase No.:                        | Single Phase                                                         |
| No Load Welding Voltage:          | 65-70V                                                               |
| Pole Number:                      | 2                                                                    |
| Displacement(ml):                 | 418 456                                                              |
| Bore X Stroke (mm):               | 1-86x72/ 1-92x75                                                     |
| Rated Power:                      | 5.7 6.3/ 7.2 8.2                                                     |
| Lube Oil Brand:                   | CD Grade Or SAE10W-30, 15W-40                                        |
| Fuel Type:                        | 0#(summer)-10#(winter)-35#(chillness) Diesel                         |
| Fuel Tank Capacity (L):           | 13.5                                                                 |
| Rated Welding Current:            | 180A 220A                                                            |
| Welding Load Continuous Ratio:    | 60%                                                                  |
| Electrode Diameter:               | 1.6-3.2mm 1.6-5.0mm                                                  |
| Rectifying Mode:                  | Diode                                                                |
| Overall Dimension:                | 720x492x655mm                                                        |
| Dry Weight:                       | 112kg 116kg                                                          |
| Rated Frequency:                  | 50hz 60hz                                                            |
| Rated Voltage (V):                | 220V Or As Request                                                   |
| Rated Rotation Speed (r/min):     | 3000 3600                                                            |
| Power Factor:                     | 1                                                                    |
| Insulation Grade:                 | F                                                                    |
| Engine Mode:                      | GET186FA GET192F                                                     |
| Engine Type:                      | Single Cylinder, Vertical, Four Stroke, Direct Injection, Air-cooled |
| Compression Ratio:                | 19:01                                                                |
| Lubrication System:               | Pressure Splashed                                                    |
| Lube Capacity (L):                | 1.65                                                                 |
| Fuel Consumption (g/kw*h):        | ≤280                                                                 |
| Continuous Running Time:          | 8h                                                                   |
| Welding Voltage:                  | 25-30V                                                               |
| Welding Current Adjustment Range: | 50-180A/ 50-200A                                                     |
| Excitation Mode:                  | Separate-excitation+AVR Voltage Regulation AVR                       |
| Connection Mode:                  | Drive Bearing, Rigid Connection                                      |
| Structure Type:                   | Open Type                                                            |

Here is a breakdown of the key components and features typically found in a diesel welding generator:

**Diesel Engine:** The generator is powered by a diesel engine, which provides the necessary mechanical energy to drive the generator and the welding system. Diesel engines are known for their durability, efficiency, and ability to operate for extended periods without interruption.

**Generator Unit:** The generator unit converts the mechanical energy from the diesel engine into electrical energy. It consists of an alternator that produces an alternating current (AC), which can be used to power electrical devices and equipment.

**Welding System:** The welding system is integrated into the generator and allows for various welding processes, such as arc welding or stick welding. It typically includes welding cables, electrode holders, and controls for adjusting welding parameters such as current and voltage.

**Control Panel:** The control panel is where the operator can monitor and adjust the generator's settings. It usually includes gauges and indicators for monitoring fuel levels, oil pressure, temperature, and voltage. Additionally, it provides controls for starting and stopping the generator, adjusting welding parameters, and managing safety features.

**Fuel Tank:** Diesel welding generators have an integrated fuel tank that stores diesel fuel for powering the engine. The tank's capacity varies depending on the generator's size and intended use.

**Mobility and Protection:** Diesel welding generators are often designed for portability and ruggedness. They may have sturdy frames or protective casings to withstand harsh working conditions and transportation.

**Power Outlets:** The generator typically has multiple power outlets, such as AC sockets or industrial plugs, where electrical devices and tools can be connected and powered.

Diesel welding generators are commonly used in construction sites, remote areas, and other locations where electricity and welding capabilities are needed simultaneously. They offer the advantage of being self-contained units that provide both power and welding functionality, making them highly versatile and practical for a wide range of applications.



| Feature        | Specification               | Unit       | Value                       | Unit            | Value |
|----------------|-----------------------------|------------|-----------------------------|-----------------|-------|
| 1. Processor   | Intel Core i5-10210U        | Processor  | 10th Gen                    |                 |       |
| 2. Memory      | 8GB DDR4                    | Memory     | 8GB                         |                 |       |
| 3. Storage     | 512GB SSD                   | Storage    | 512GB                       |                 |       |
| 4. Display     | 15.6" FHD (1920x1080) IPS   | Display    | 15.6"                       | FHD (1920x1080) | IPS   |
| 5. Graphics    | Intel Iris Xe               | Graphics   | Intel Iris Xe               |                 |       |
| 6. Battery     | 48Whr                       | Battery    | 48Whr                       |                 |       |
| 7. Webcam      | 720p HD                     | Webcam     | 720p HD                     |                 |       |
| 8. Ports       | 2x USB-A, 1x USB-C, 1x HDMI | Ports      | 2x USB-A, 1x USB-C, 1x HDMI |                 |       |
| 9. Keyboard    | Backlit Keyboard            | Keyboard   | Backlit Keyboard            |                 |       |
| 10. OS         | Windows 10 Home             | OS         | Windows 10 Home             |                 |       |
| 11. Weight     | 1.8kg                       | Weight     | 1.8kg                       |                 |       |
| 12. Dimensions | 356mm x 234mm x 19.9mm      | Dimensions | 356mm x 234mm x 19.9mm      |                 |       |
| 13. Color      | Platinum Silver             | Color      | Platinum Silver             |                 |       |
| 14. Warranty   | 3 Years                     | Warranty   | 3 Years                     |                 |       |
| 15. Price      | \$1,299.99                  | Price      | \$1,299.99                  |                 |       |