



## 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.

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