



## GDS5500G

### Portable Generator with Diesel Engine

Fuel-efficient diesel performance for continuous power supply

The diesel generator is designed for heavy-duty performance, offering reliable power output even in the most demanding conditions. Known for its fuel efficiency and durability, it can run for extended periods, making it ideal for industrial and commercial applications. With a robust design, it is capable of handling continuous use while requiring minimal maintenance. The diesel generator can provide you a cost-effective solution for long-term power needs.

## Highlights

- Diesel Engine for Efficient Performance
- Large tank with long running time
- Sturdy protective frame
- Compact dimensions

## Technical Data

### ■ Mechanical Details

|            |          |
|------------|----------|
| Length     | 685.0 mm |
| Width      | 520.0 mm |
| Height     | 595.0 mm |
| Dry Weight | 112.0 kg |

### ■ Generator

|                                  |                   |
|----------------------------------|-------------------|
| Insulation class                 | A                 |
| Output current 1~                | 21.7 A            |
| Output voltage                   | 230.0 V           |
| Output frequency                 | 50.0 Hz           |
| Efficiency factor 1~             | 1.0 cos $\varphi$ |
| Nominal speed                    | 3,000.0 1/min     |
| Phase                            | 1.0 ~             |
| Generator Rating 1~ (Continuous) | 5.0 KW            |
| Generator specification          | AVR with Brushes  |
| Voltage 1~                       | 230.0 V           |
| Maximum Output                   | 5,500.0 W         |

|                   |           |
|-------------------|-----------|
| Continuous Output | 5,000.0 W |
|-------------------|-----------|

### ■ Engine

|               |               |
|---------------|---------------|
| Engine type   | Diesel engine |
| Tank capacity | 14.5 l        |

### ■ Environment Data

|                             |             |
|-----------------------------|-------------|
| Degree of protection        | IP23        |
| Sound power LWA, guaranteed | 111.0 dB(A) |
| Sound power LWA (Standard)  | 2000/14/EG  |

### ■ Electrical System

|                             |                             |
|-----------------------------|-----------------------------|
| Circuit Breaker Amperage AC | 30.0 A                      |
| Available voltages 1~       | 230.0 V                     |
| Breaker Switch On/Off       | 1 Pole                      |
| CE Performance Class        | G1                          |
| Receptacle Type             | CEE 3P 32A 250V 6H, IP44 1~ |

### ■ Operating Fluids

|                                    |          |
|------------------------------------|----------|
| Fuel consumption (50 % Prime Load) | 1.3 L/hr |
| Run Time (50 % Prime Load)         | 11.0 hrs |