

GenSet

we make power possible

YANMAR

GS-WG500DY



Compact and resistant engine driven welder suitable for frequent handling. Equipped with Yanmar 1500/1800 RPM engine and on board control panel, it's fitted for remote control operation. Carbon Arc gouging as standard.

Asynchronous alternator for a better welding current quality, clean and distortion free wave form. Perfect to power inverters and battery chargers.

OPTIONAL ACCESSORIES

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|----------------|--|
| WCS70-10 | Welding Cable Set 70mm x 10mtr |
| GS-133210/20 | Welding remote control |
| GS-GRT2W500Y1N | 2 wheel site trailer |
| GRT4W | 4 Wheel site trailer |
| | Roadtow |
| GS-SWF | CEA wire feeder |
| | Reverse polarity switch kit (separate) MIG wire feeder |
| | Parallel welding box with ammeter and voltmeter |

PETRO CHEMICAL SPECIFICATIONS

Chalwyn Valve
Spark arrestor

Shielded Metal Arc Welding (SMAW) CV MIG (GMAW)

Carbon Arc Gouging (CAG)

- Arc force control
- Remote control socket
- Carbon Arc Gouging (CAG) socket
- Low-High amps switch for a more accurate arc control
- Auto engine protection shutdown system with warning lights in case of: battery charger failure, low fuel level, low oil pressure, high coolant temperature
- Starting battery, Emergency stop button
- Fuel level gauge, Hourmeter, Voltmeter
- 50/60Hz selector, Engine oil drain pipe
- Central lifting hook, Forklift pockets
- 1 x 16A 110V single phase socket
- 1 x 32A 110V single phase socket
- 1 x 32A 400V three phase socket
- Power outage protections
- Earth leakage circuit breaker (ELCB)

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|--------------------------------|--|
| Noise Level (LWA) | 98 (72dB a 7m) |
| AC Generator 50Hz | Asynchronous |
| Three Phase Max. Power | 16kVA - 400V |
| Single Phase Max. Power | 5.3kVA - 110V |
| Single Phase Max. Power | 6kVA - 110V |
| Power Factor | Cos ϕ 0.8 |
| DC Welding | Electronic current regulation |
| Duty Cycle @ 60% | 450A - 32V |
| Output Range | 30A - 500A |
| Open Circuit Voltage | 70V |
| Max Welding Rod | 8mm |
| Yanmar Engine | 4 TNV 88 |
| Fuel | Diesel |
| No. Cylinders | 4 |
| Power | 24.1HP (18kWm) at 1500rpm 29.4HP (21.6kWm) at 1800rpm |
| Displacement | 2190cm ³ |
| Cooling System | Water |
| Starting System | Electric |
| Fuel Tank Capacity | 38l |
| Fuel Consumption @ 75% | 3.5l/h at 1500rpm 4.7l/h at 1800rpm |
| Insulation Class | H |
| Ambient Temperature | 40°C |
| Altitude | 1000m |
| Degree of Protection | IP23 |
| Dimensions (LxWxH) | 1620 x 750 x 1290mm |
| Dry Weight | 755Kg |



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*Excludes engine warranty.

Please refer to specific engine manufacturer for engine warranty terms.